

IDENTIFYING GLOBAL WARMING THROUGH TEMPERATURE CHANGES (1961-2019)

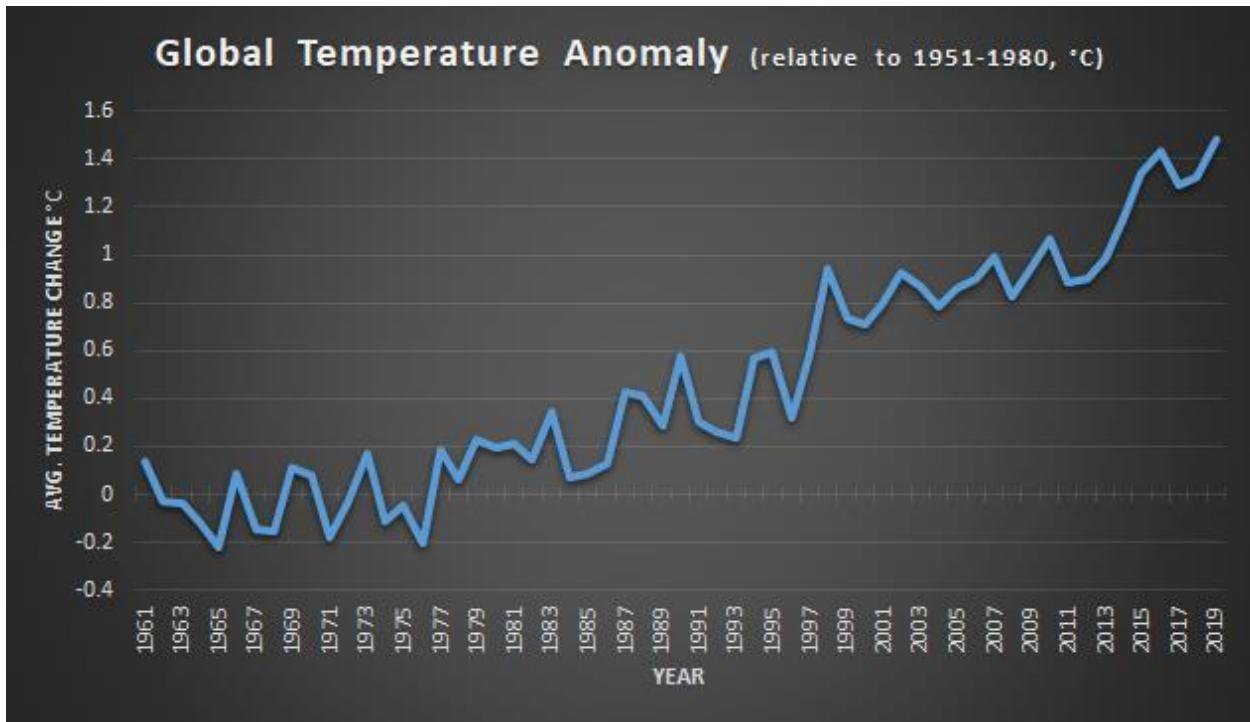
MAHA TANWEER (19K-1094)
FIZZA ZAKIR (19K-1106)
MARIAM NEAZ (19K-1086)

BS (SE) -SEC (B)

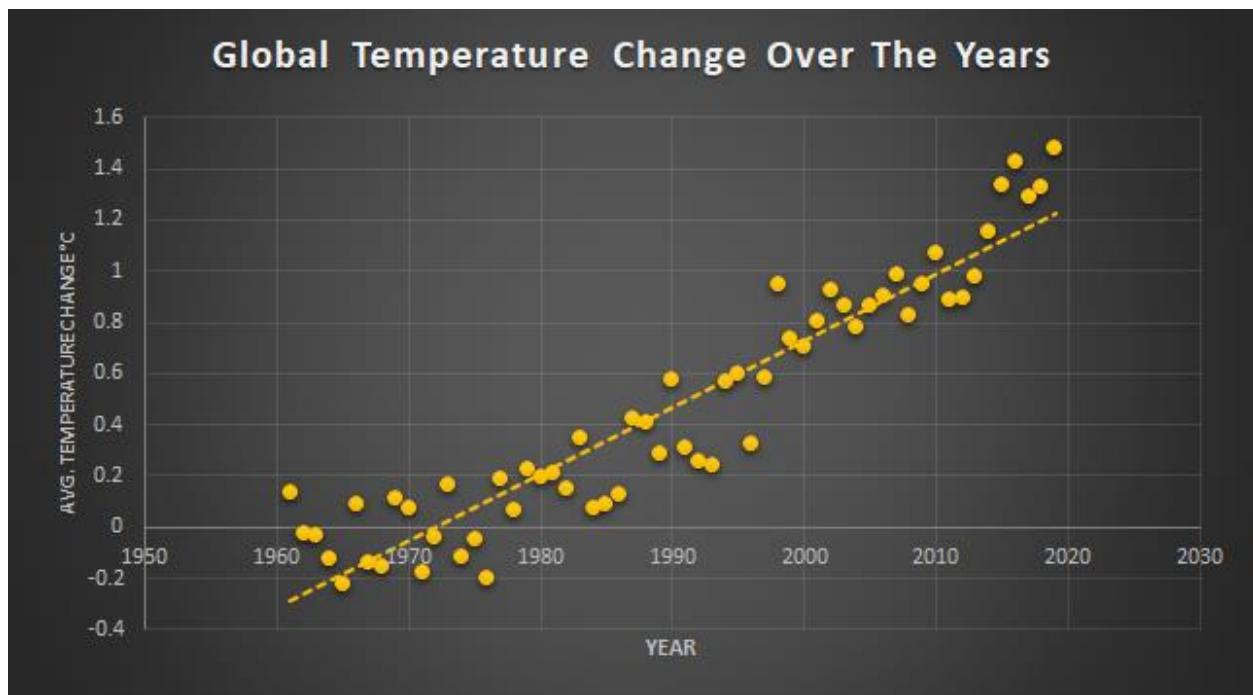
Environmental Temperature Change Statistics

1961–2019

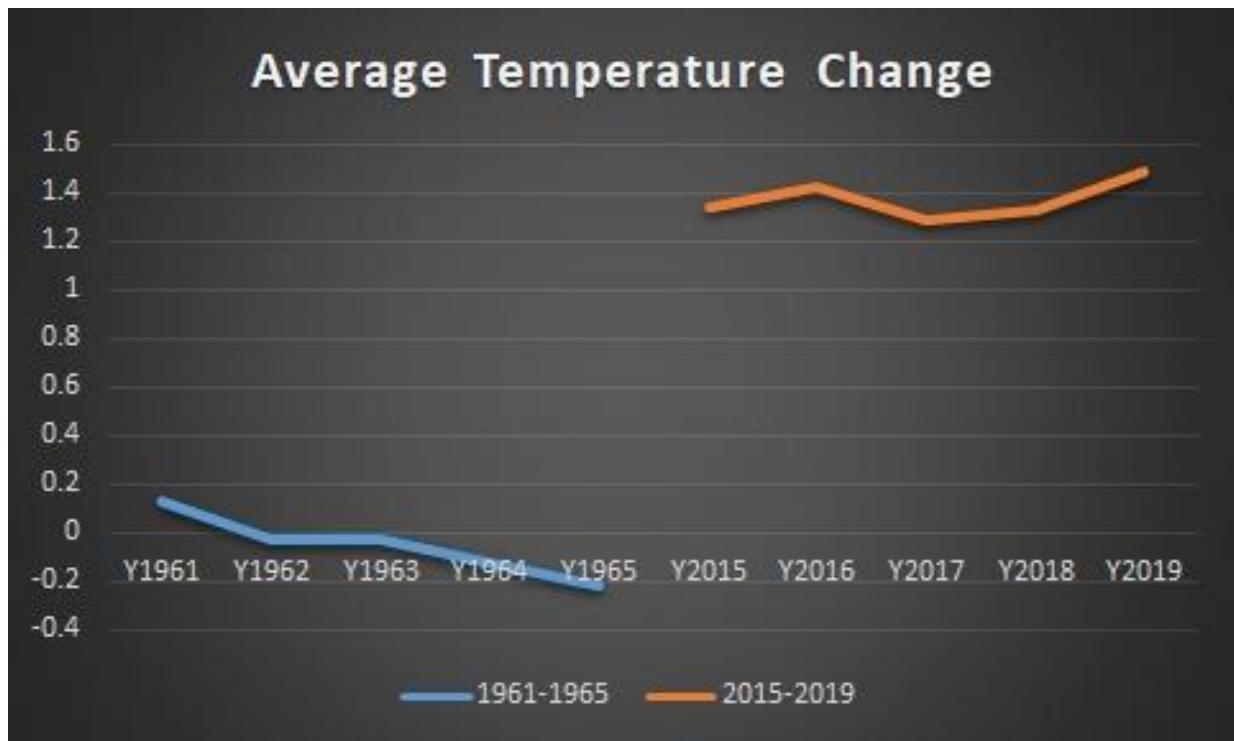
DATA LINK: <https://www.kaggle.com/sevgisarac/temperature-change>



REGRESSION MODEL

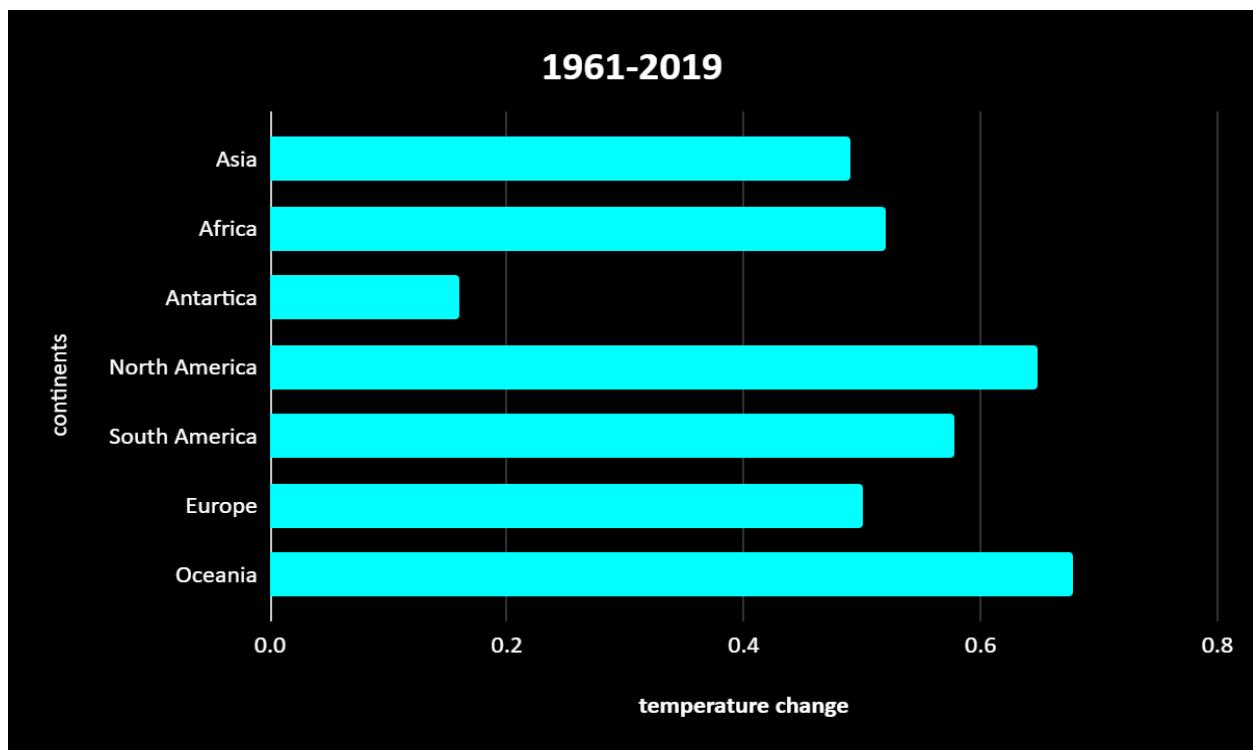


AVERAGE TEMPERATURE CHANGE IN 20TH CENTURY AND 21ST CENTURY

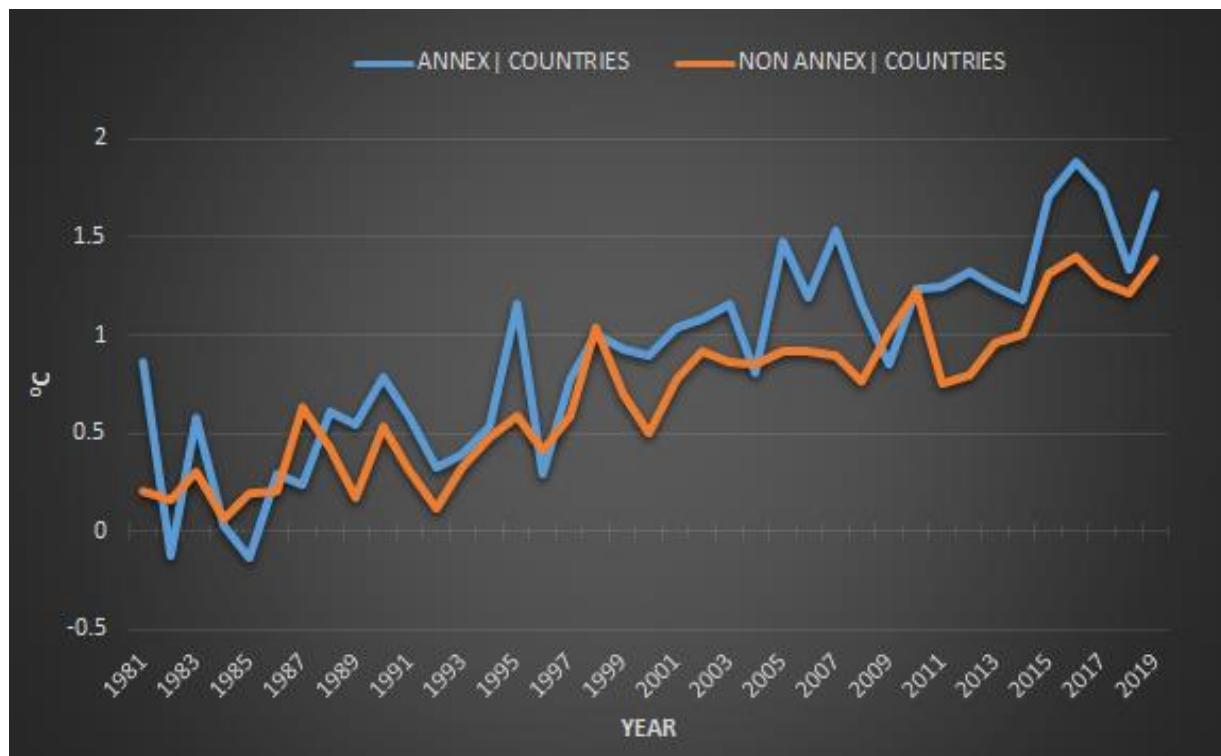


A vast difference between average temperatures for the five-year (1961-1965) and (2015-2019) periods were observed. During the 2015-2019 period, temperature change was much warmer than the 1961-1965 period. As shown in Figure.

AVERAGE TEMPERATURE CHANGE OF CONTINENTS FROM 1961-2019



COMPARISON BETWEEN AVERAGE TEMPERATURE CHANGES IN ANNEX AND NON ANNEX COUNTRIES

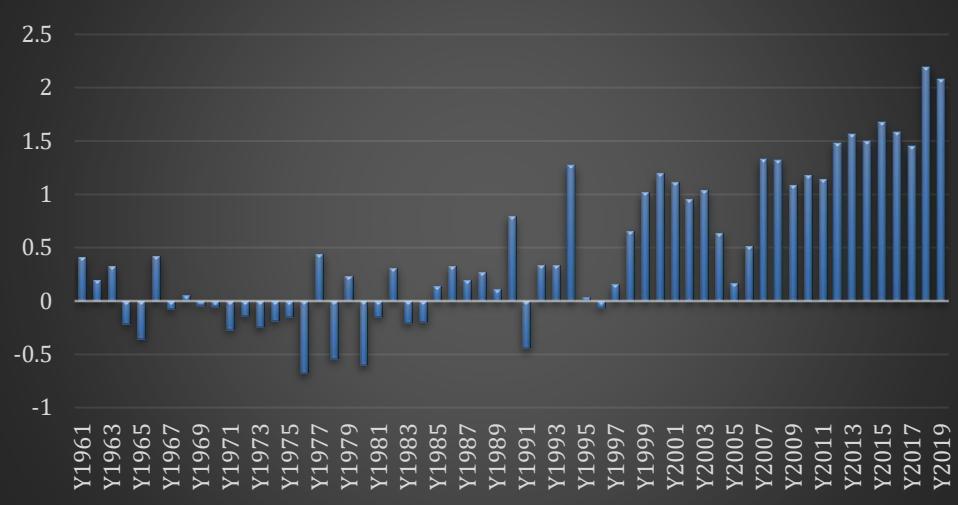


**AVERAGE TEMPERATURE OF
MAJOR COUNTRIES**

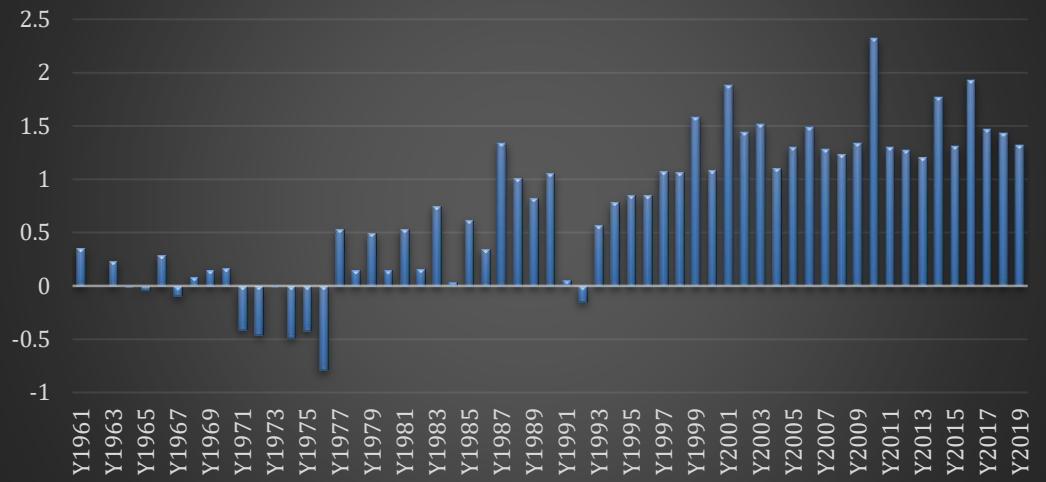
AFGHANISTAN



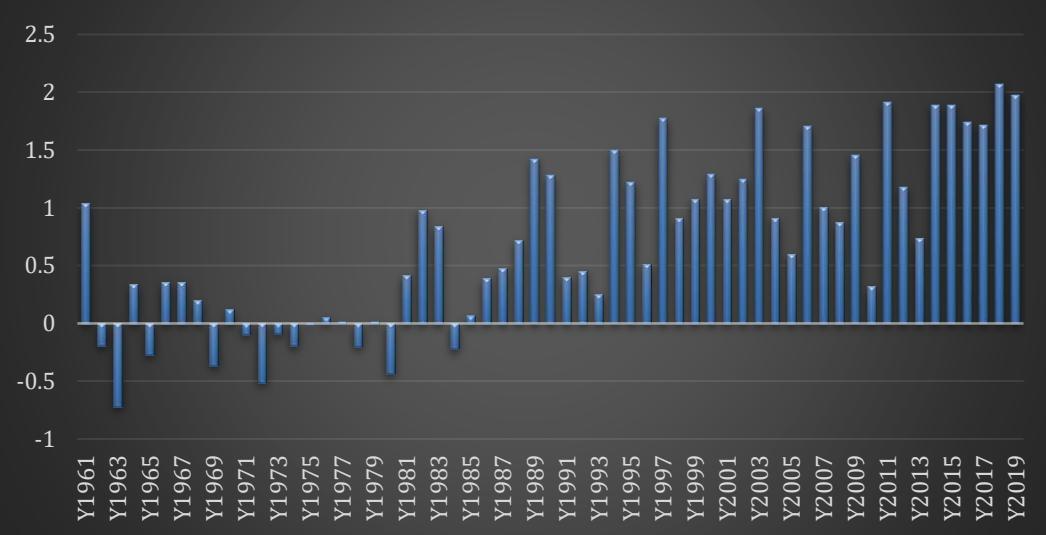
ALBANIA



ALGERIA



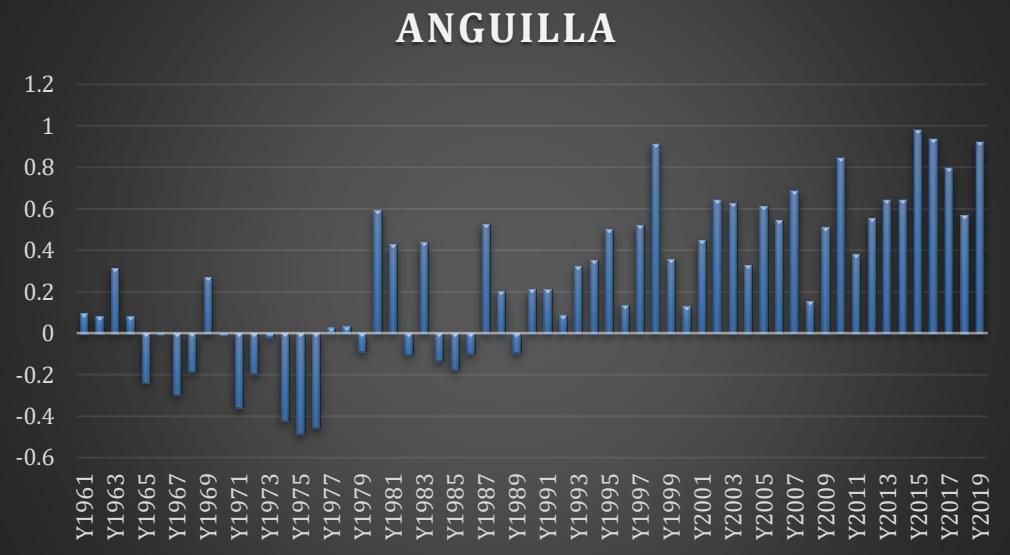
ANDORRA



ANGOLA



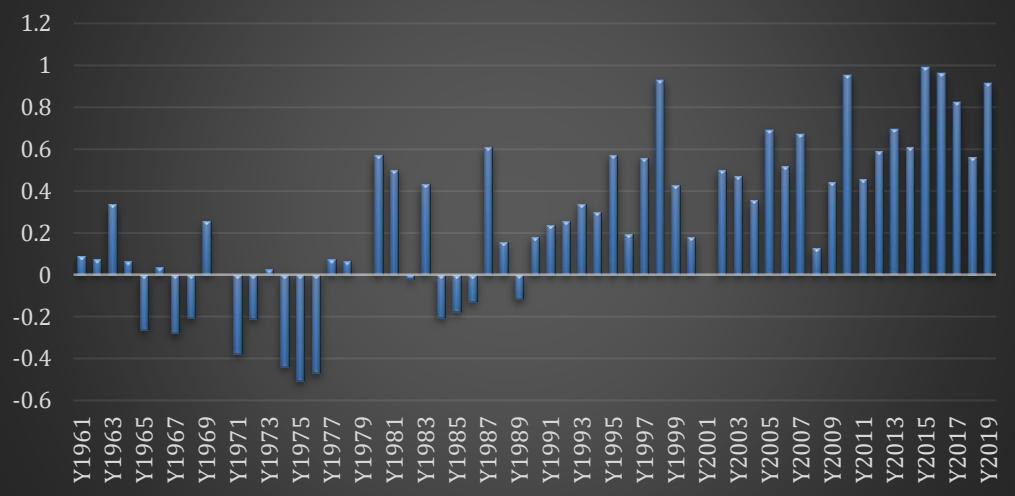
ANGUILLA



ANTARCTICA



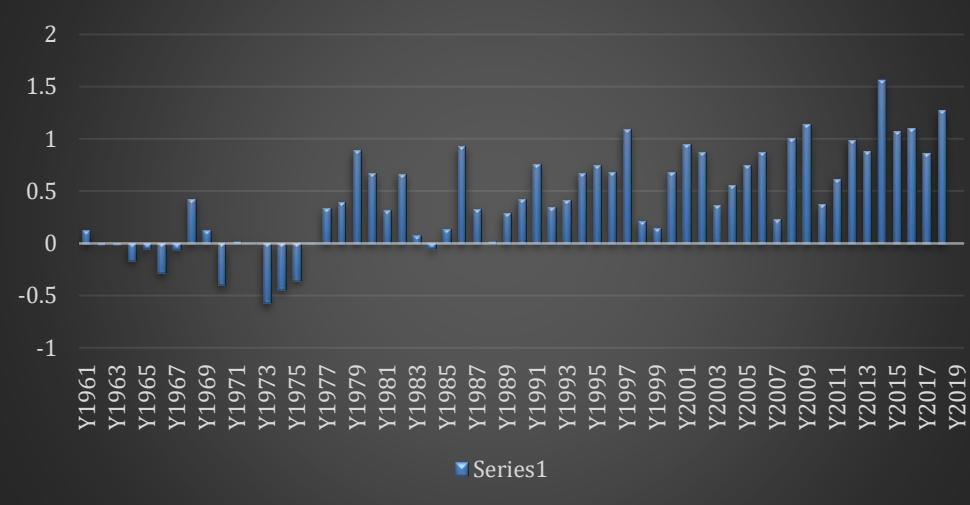
ANTIGUA AND BARBUDA



ARGENTINA



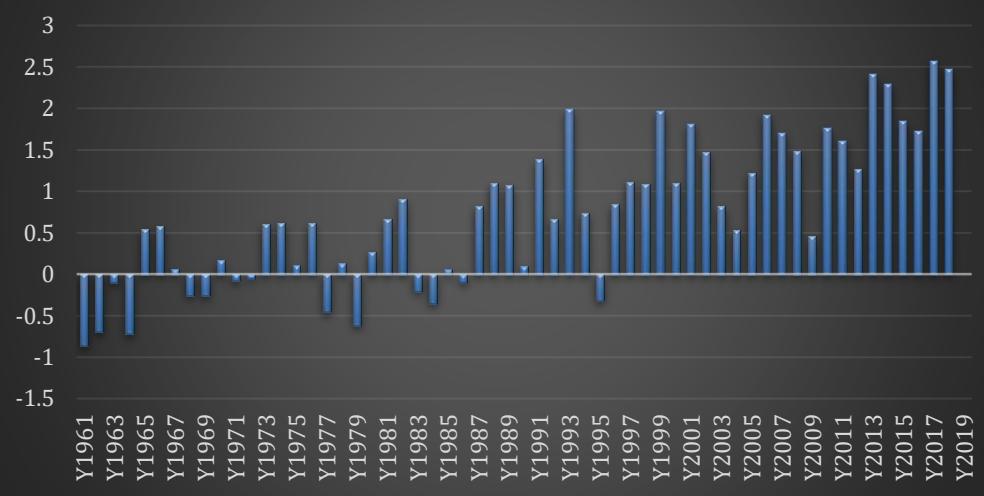
ARUBA



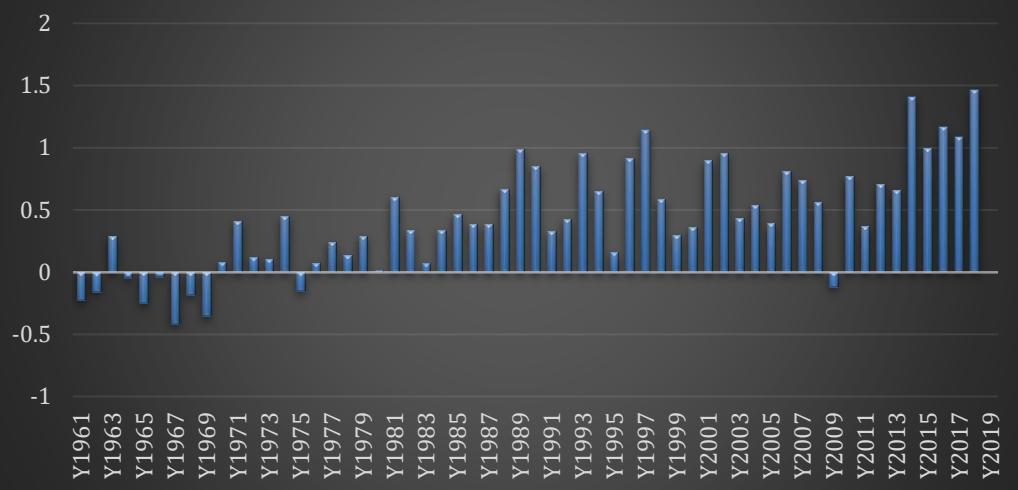
AUSTRALIA



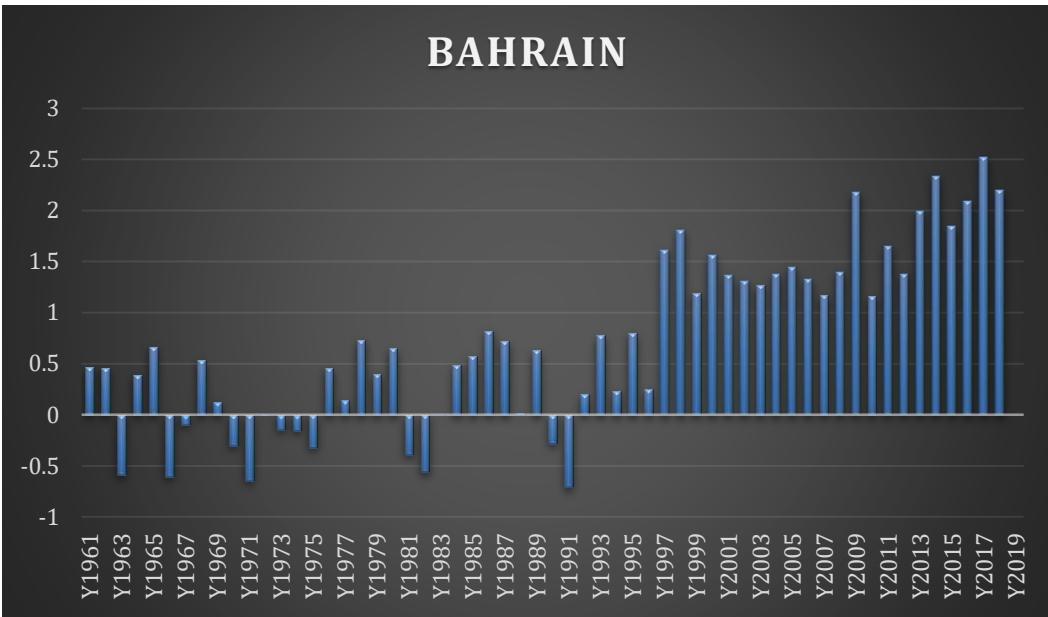
AUSTRIA



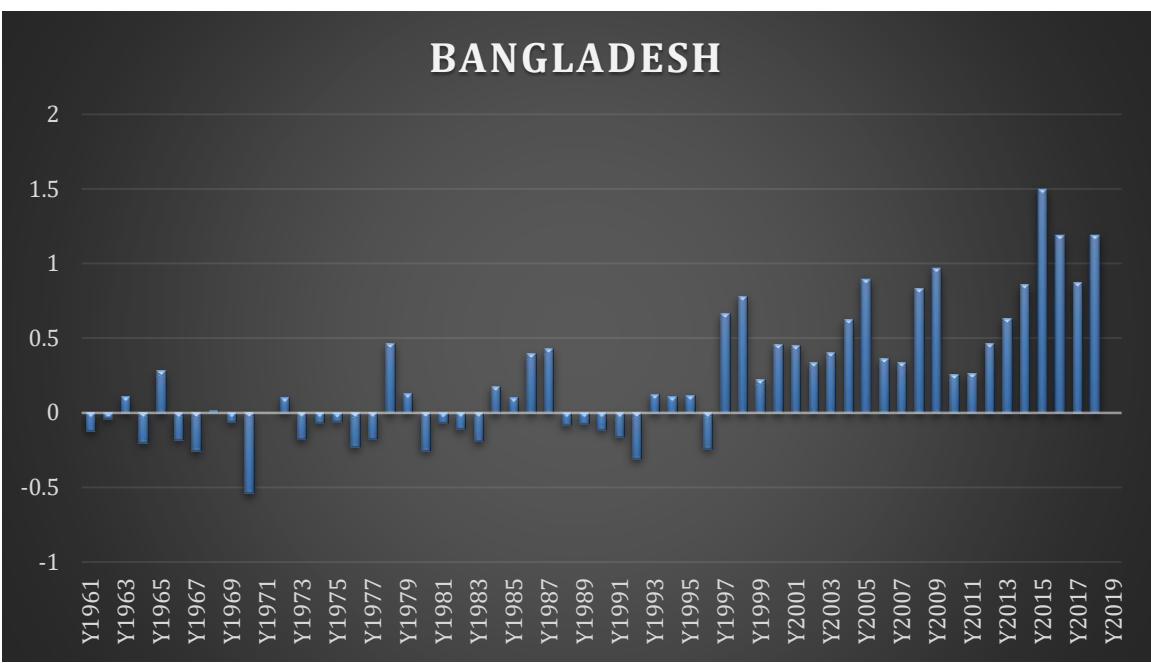
BAHAMAS



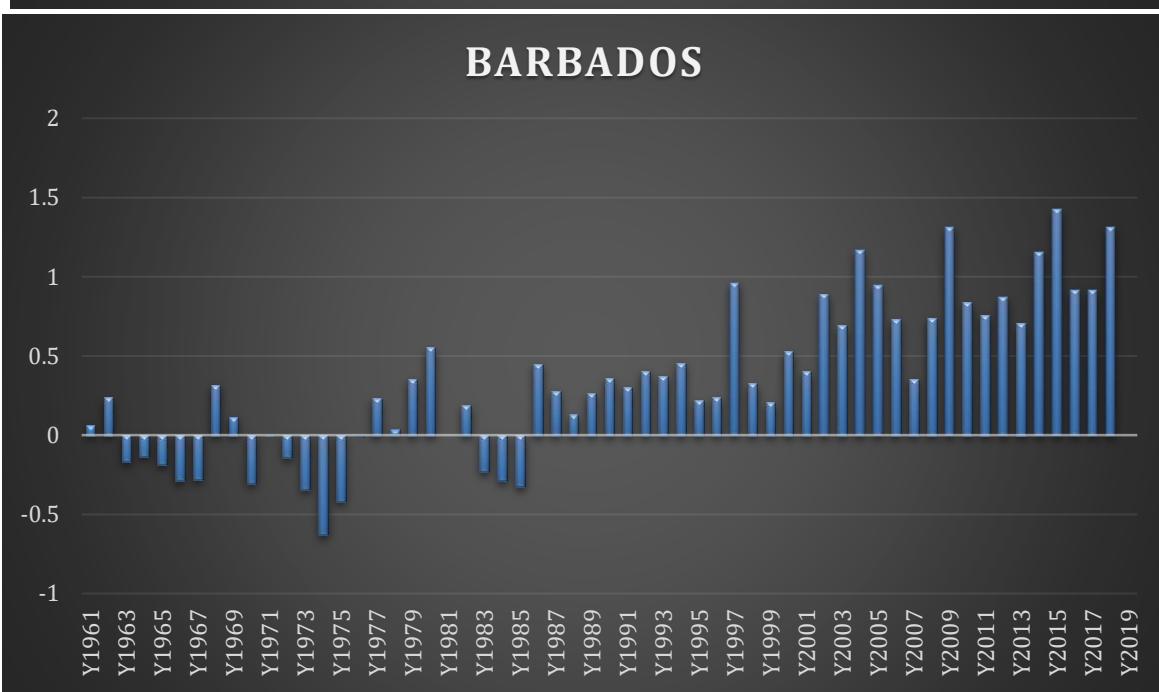
BAHRAIN



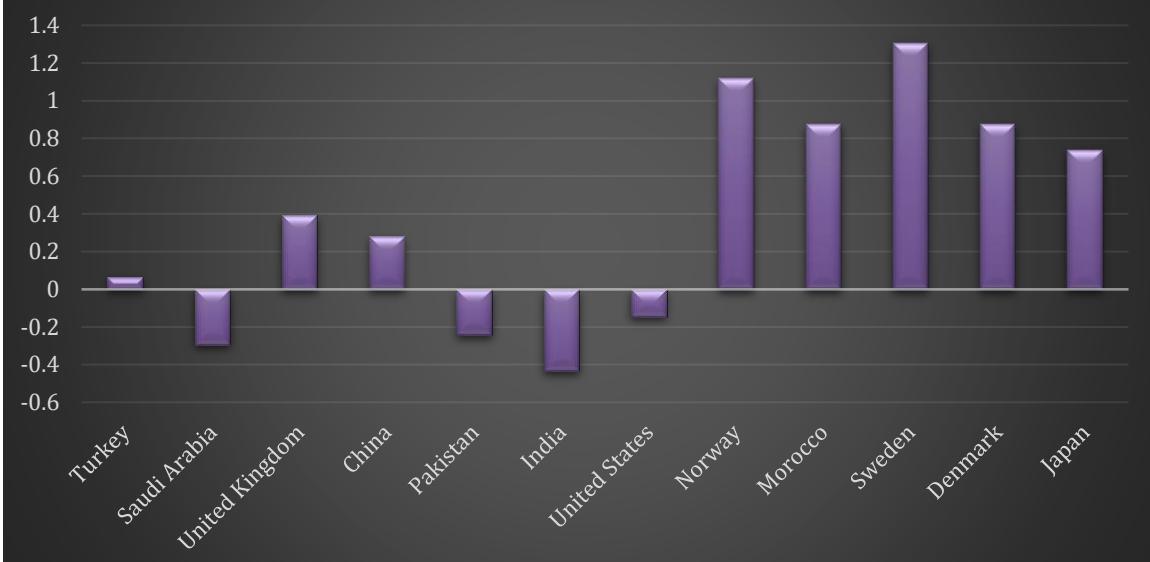
BANGLADESH



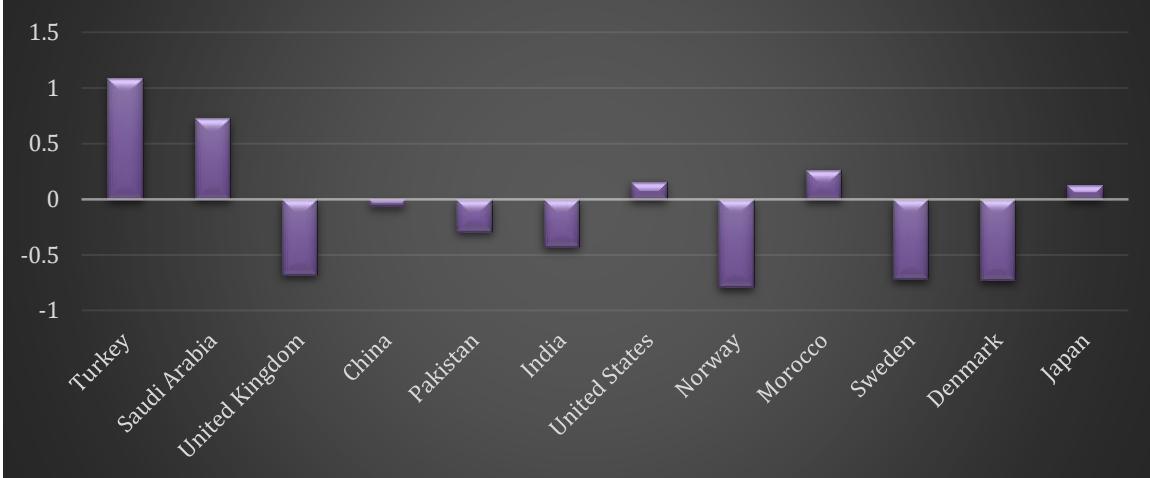
BARBADOS



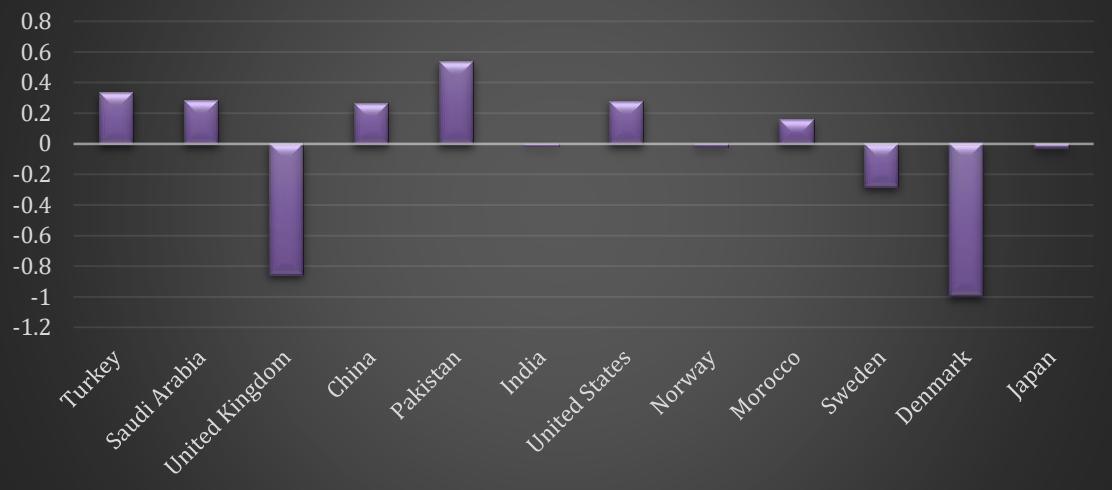
Year 1961



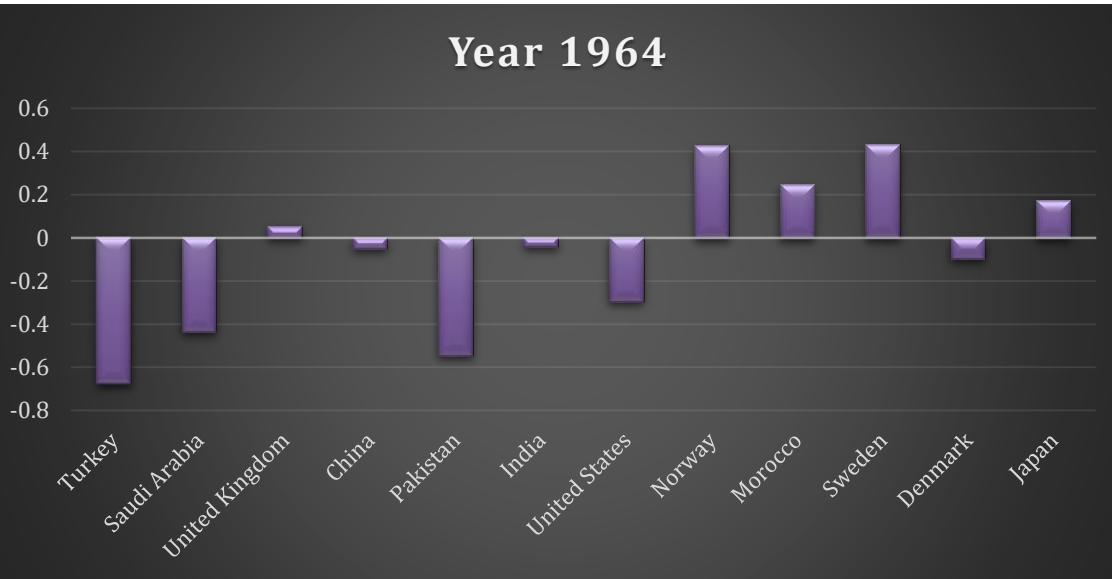
Year 1962



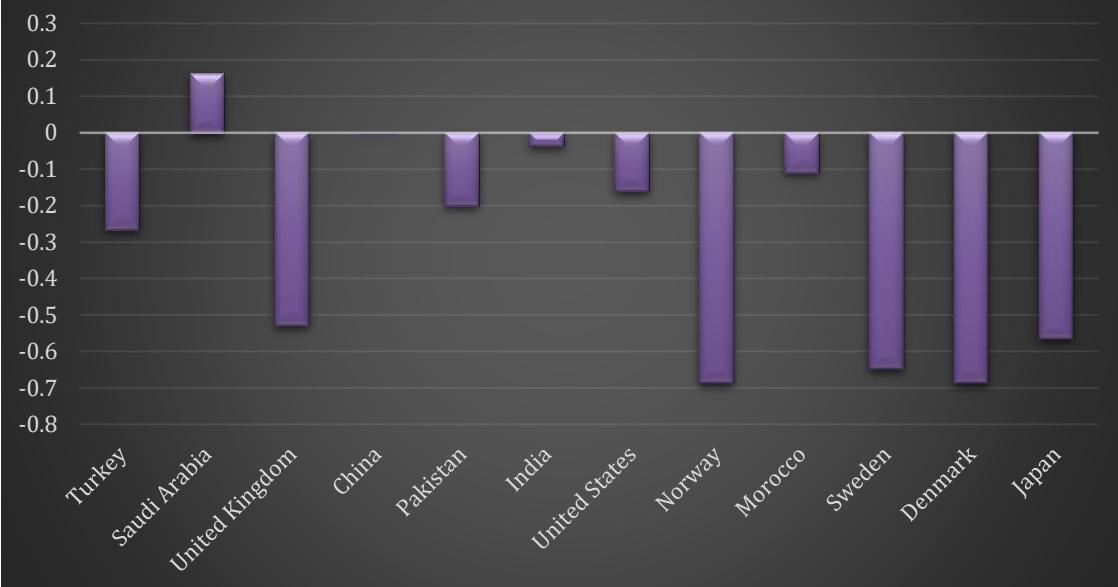
Year 1963



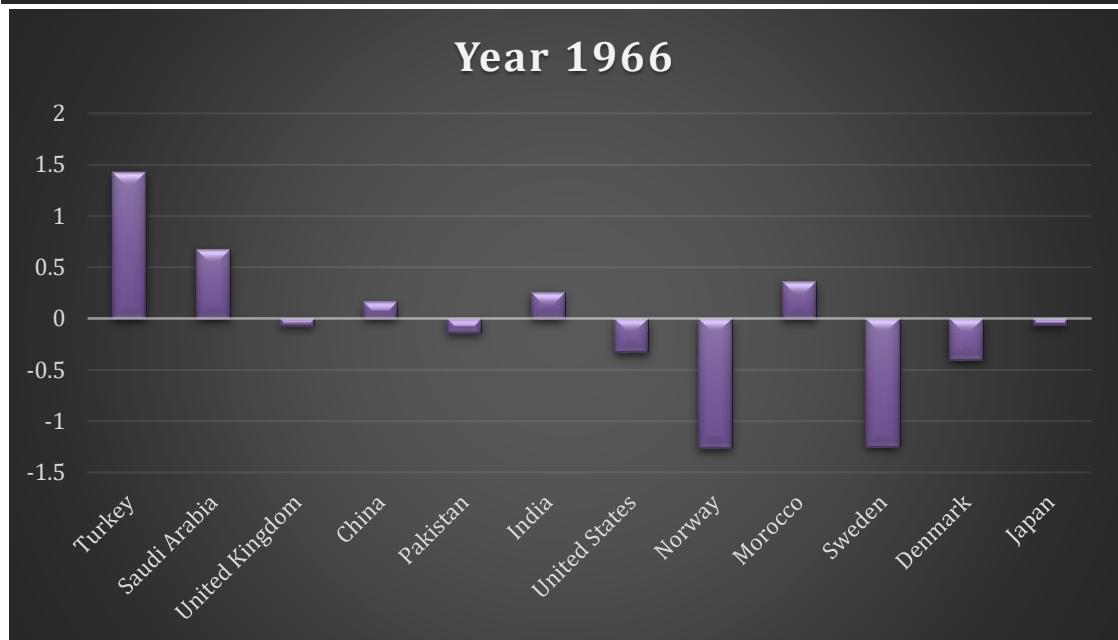
Year 1964



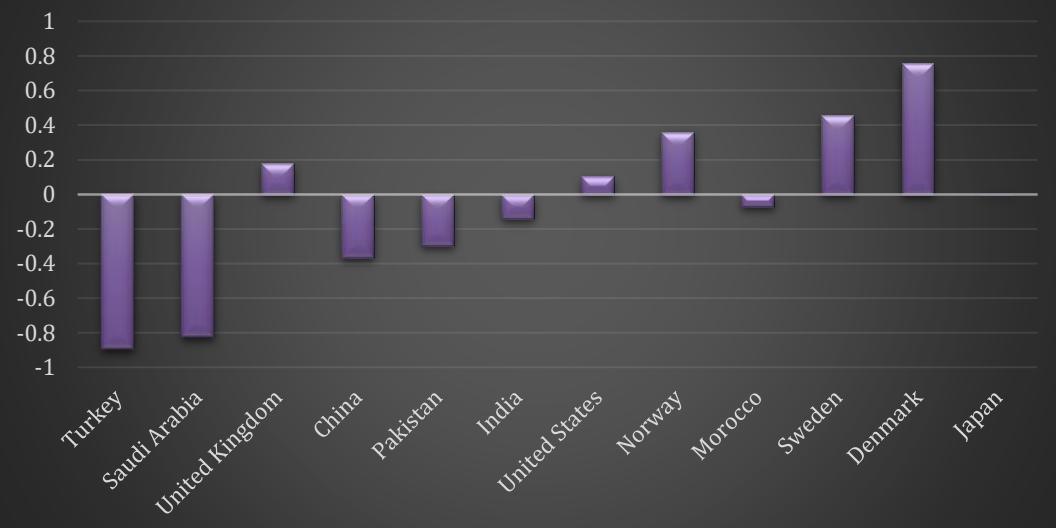
Year 1965



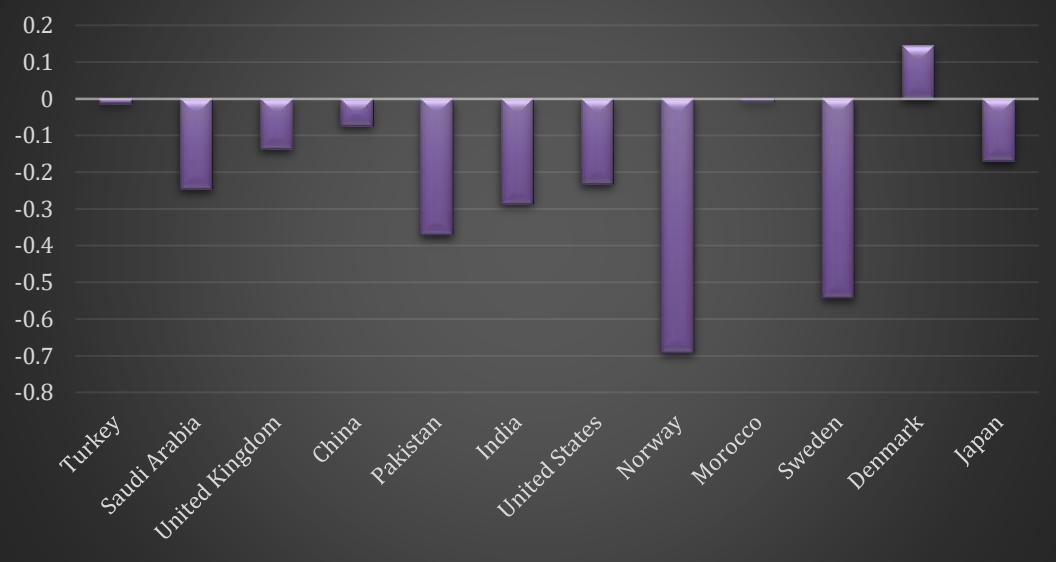
Year 1966



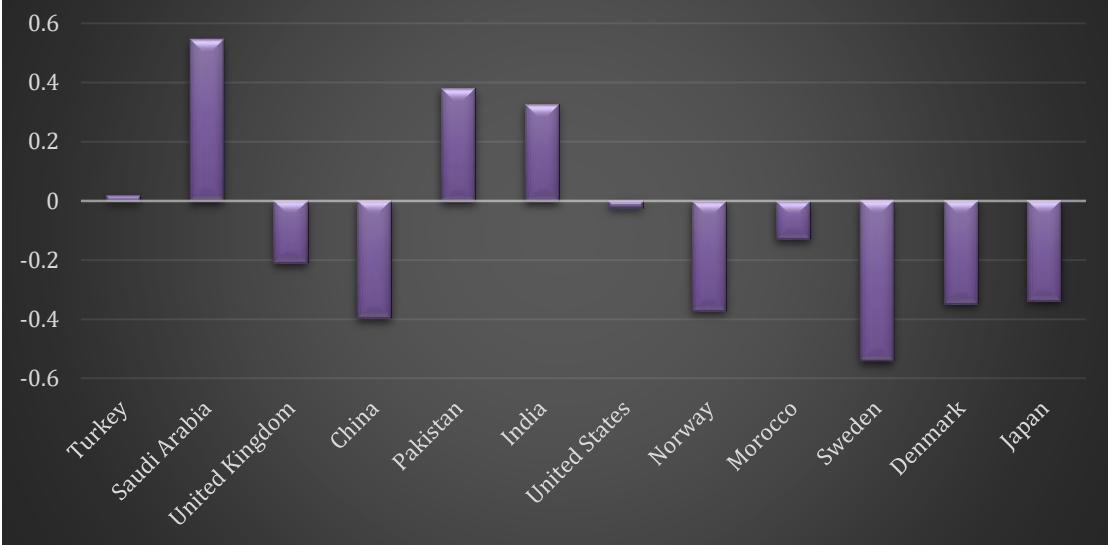
Year 1967



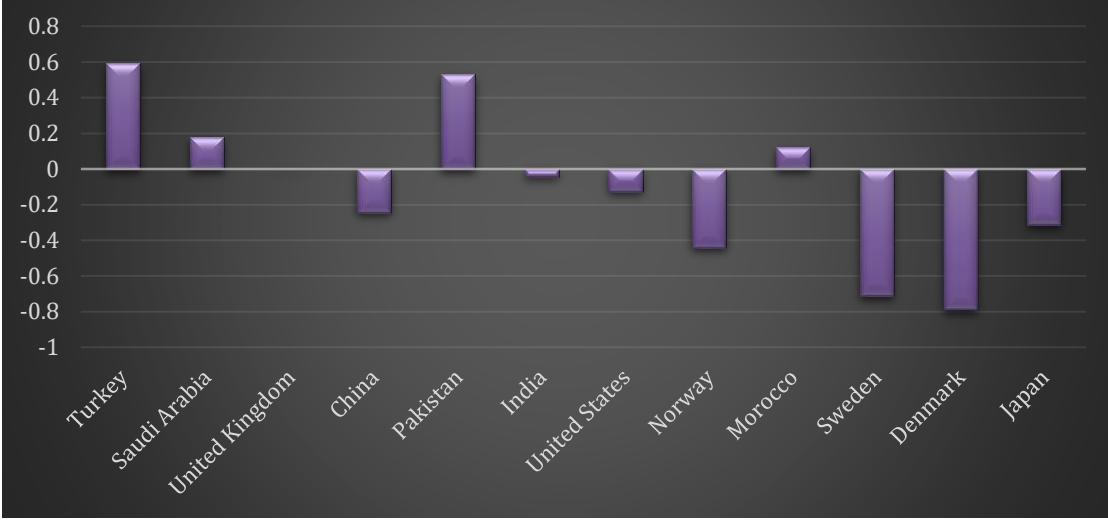
Year 1968



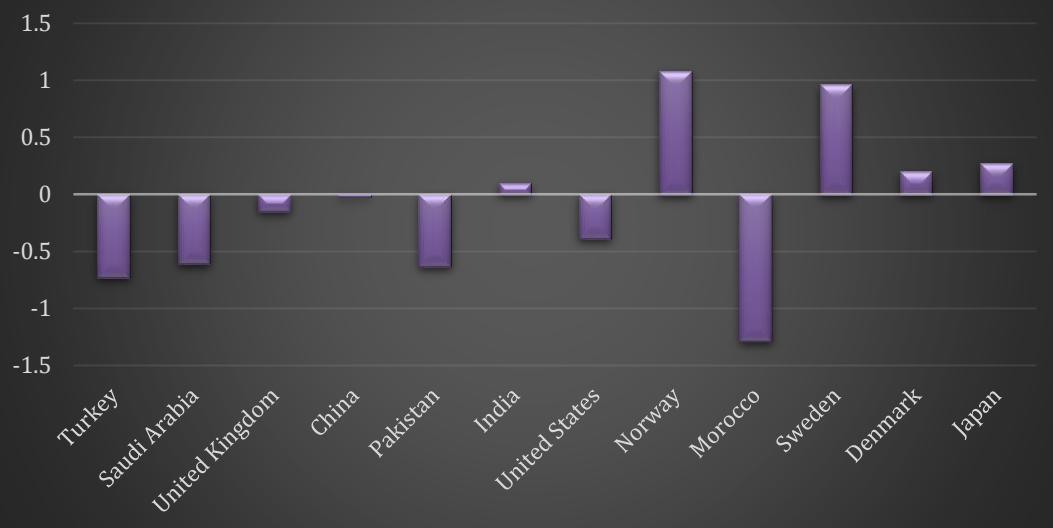
Year 1969



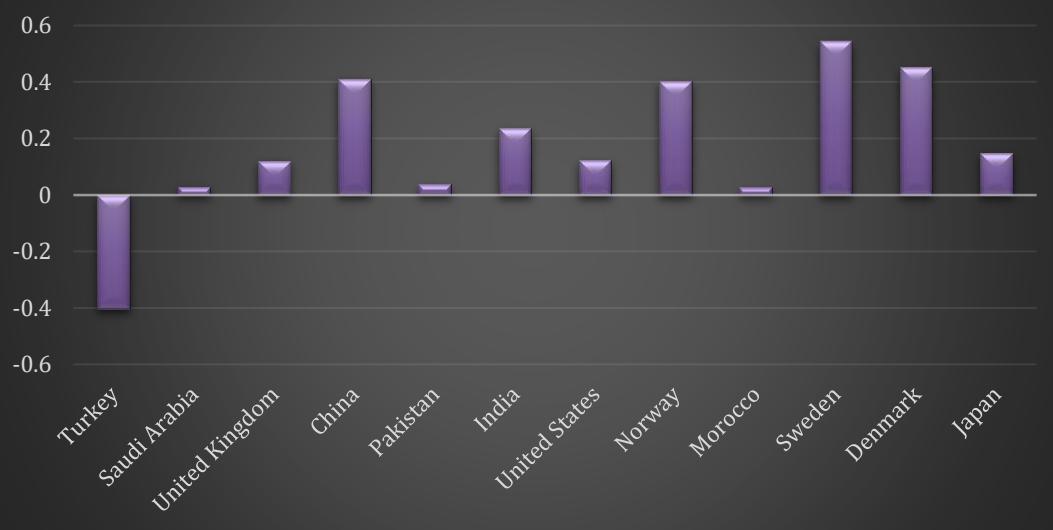
Year 1970



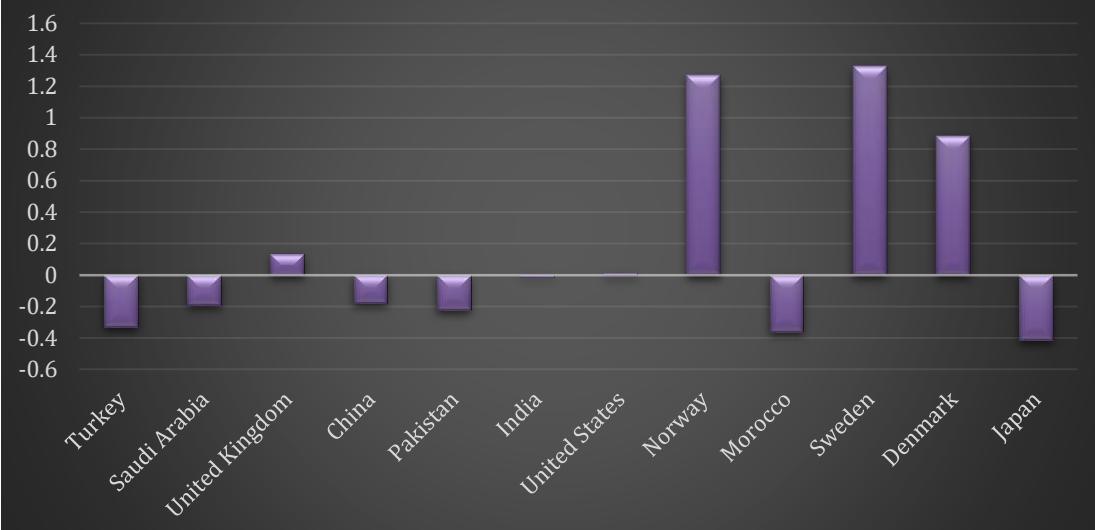
Year 1972



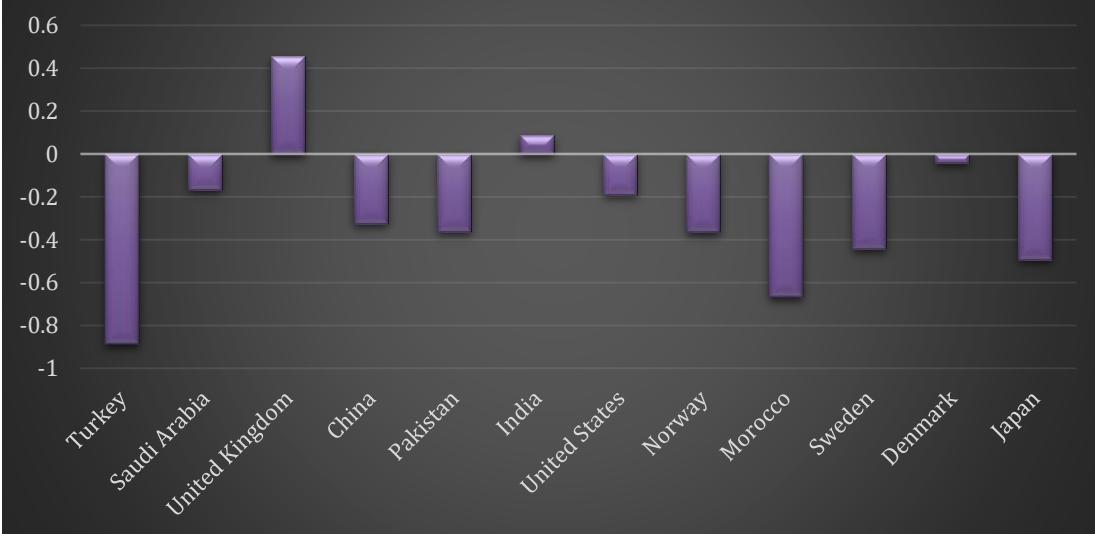
Year 1973

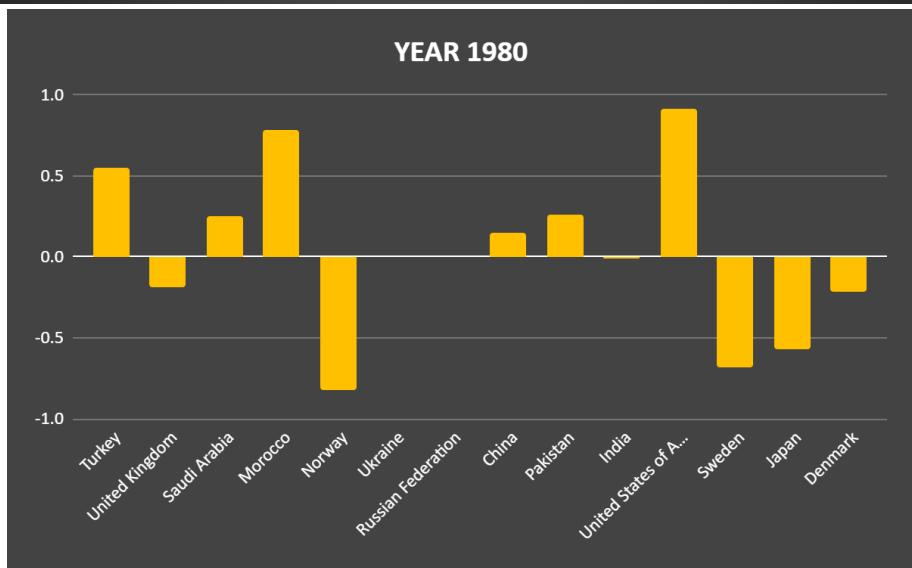
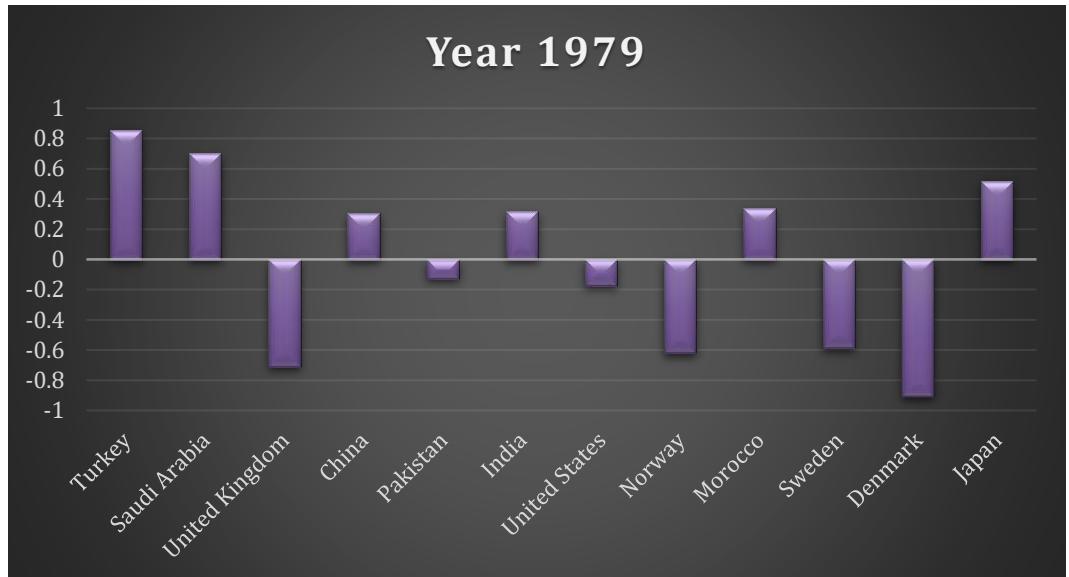


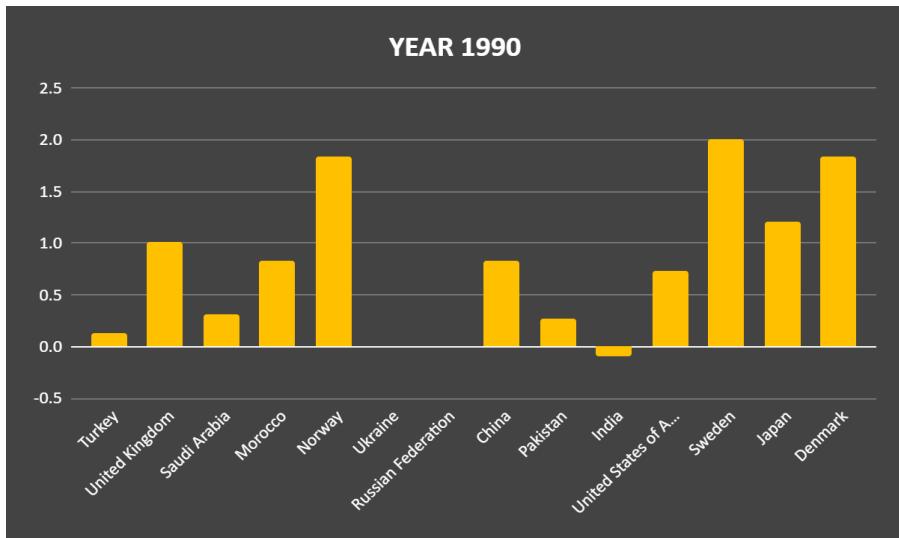
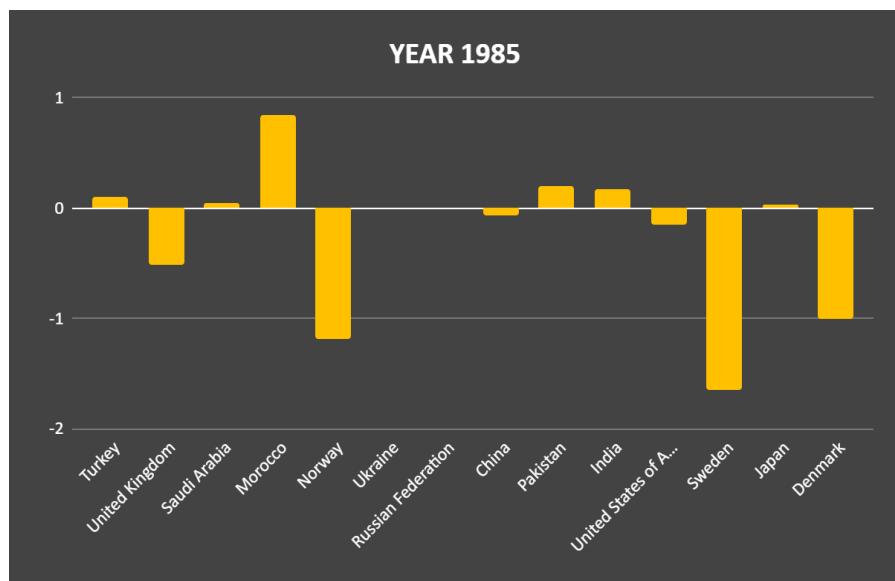
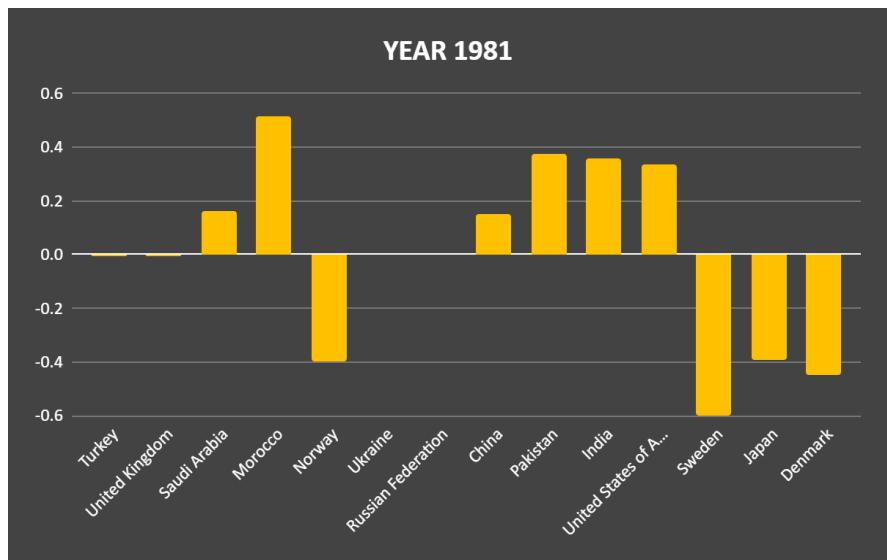
Year 1974



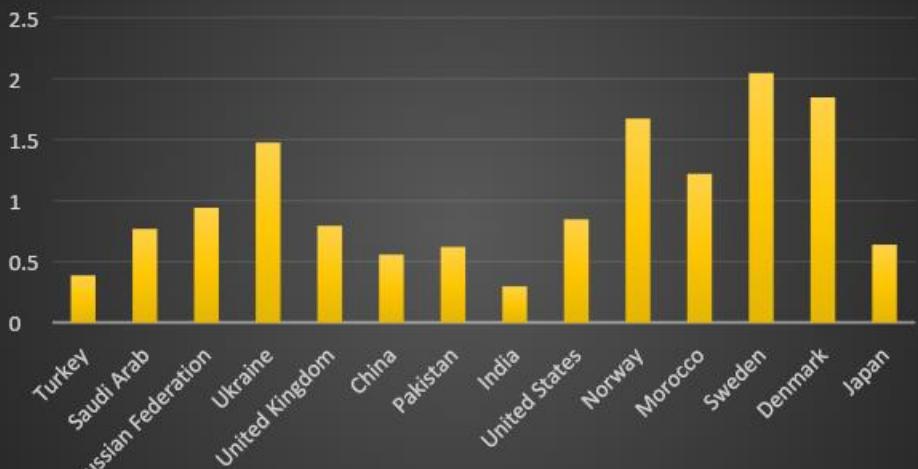
Year 1976



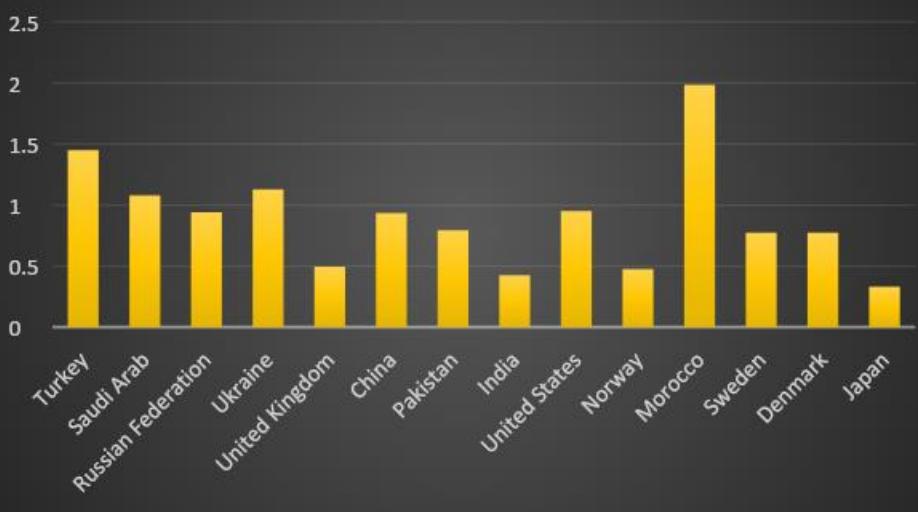




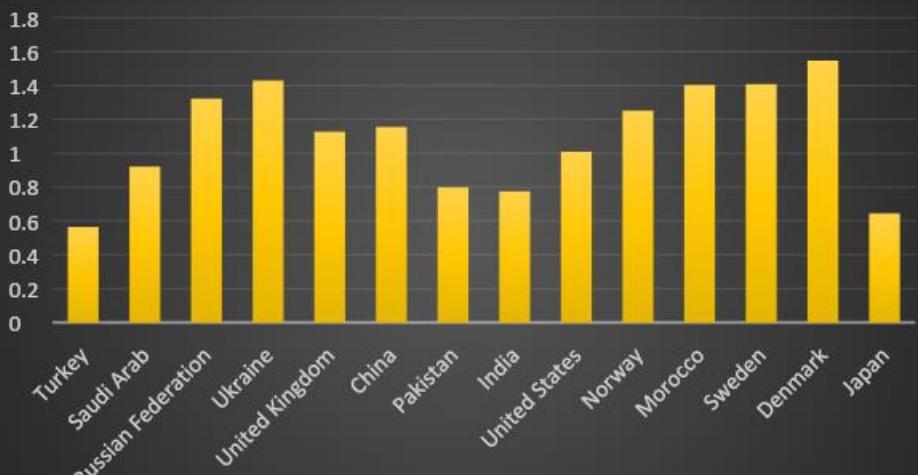
YEAR 2000



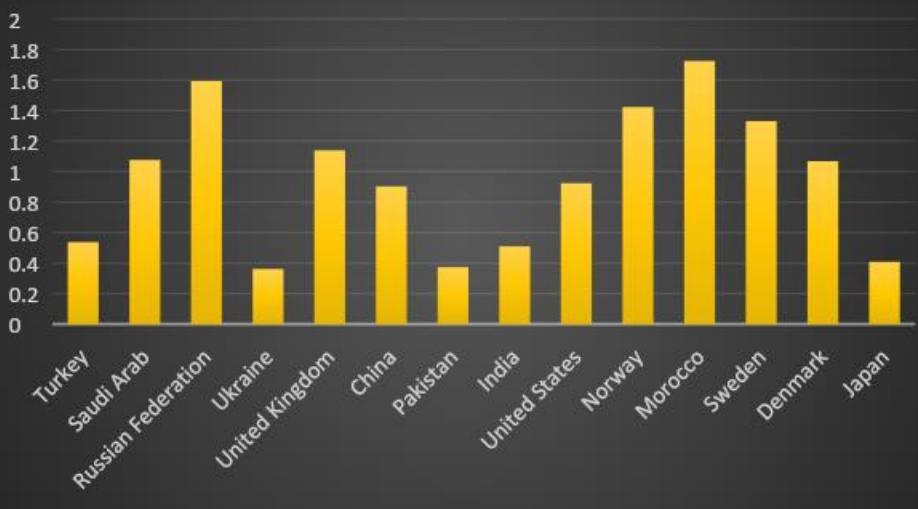
YEAR 2001



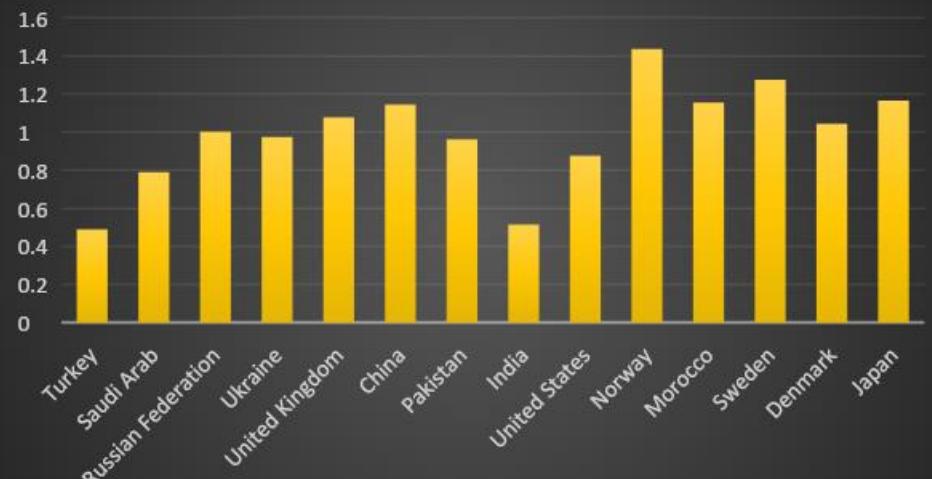
YEAR 2002



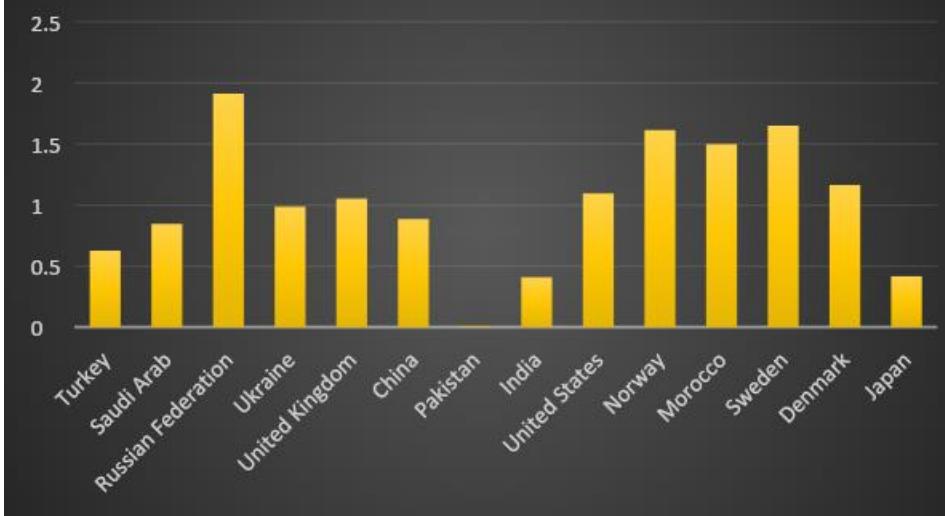
YEAR 2003



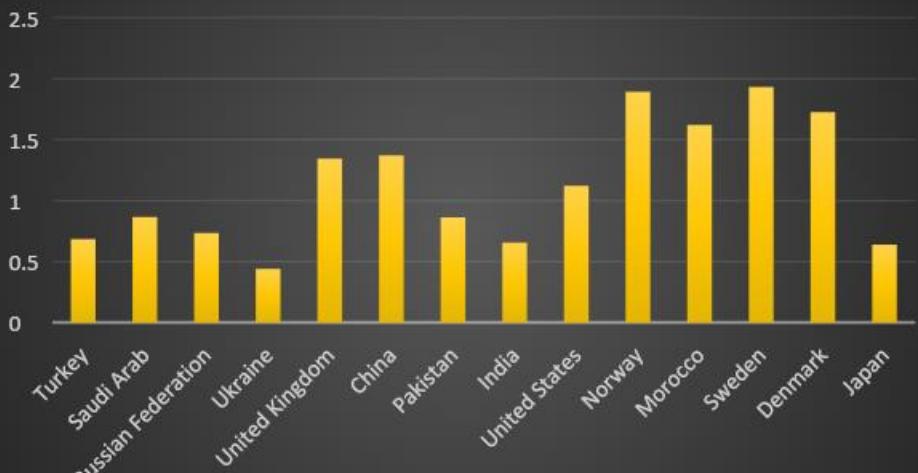
YEAR 2004



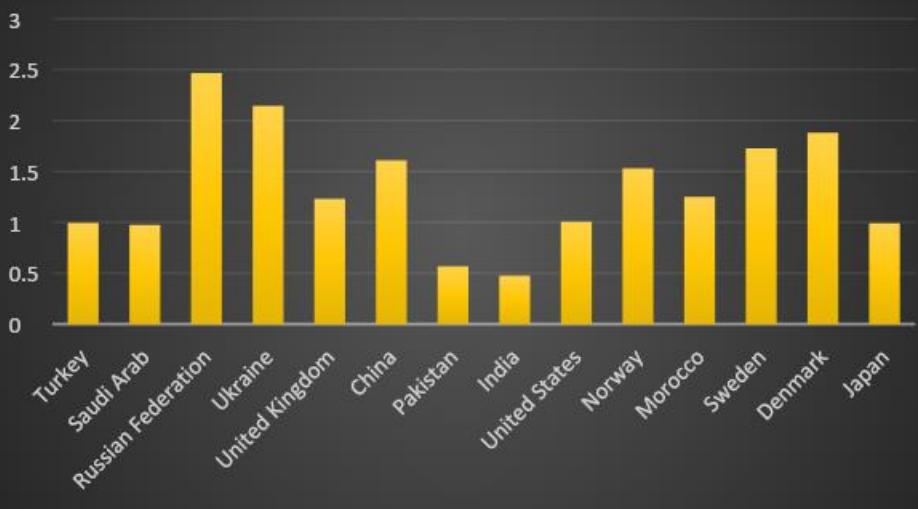
YEAR 2005



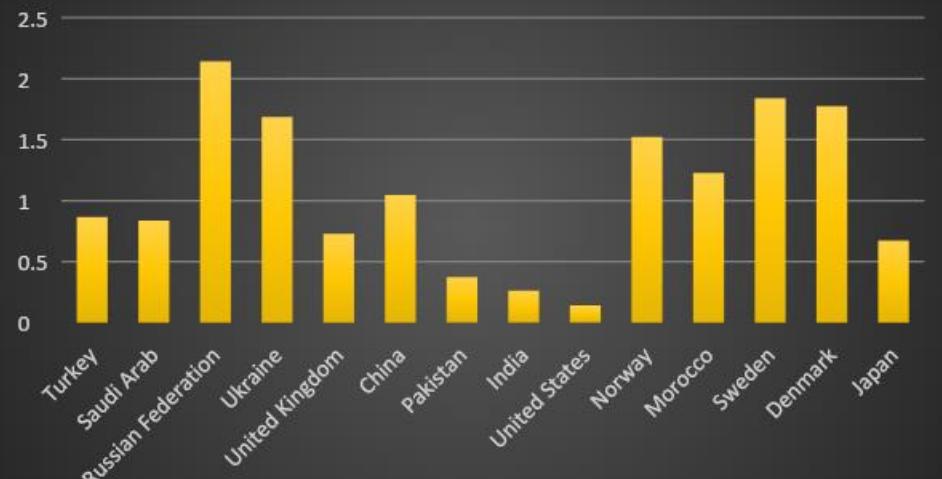
YEAR 2006



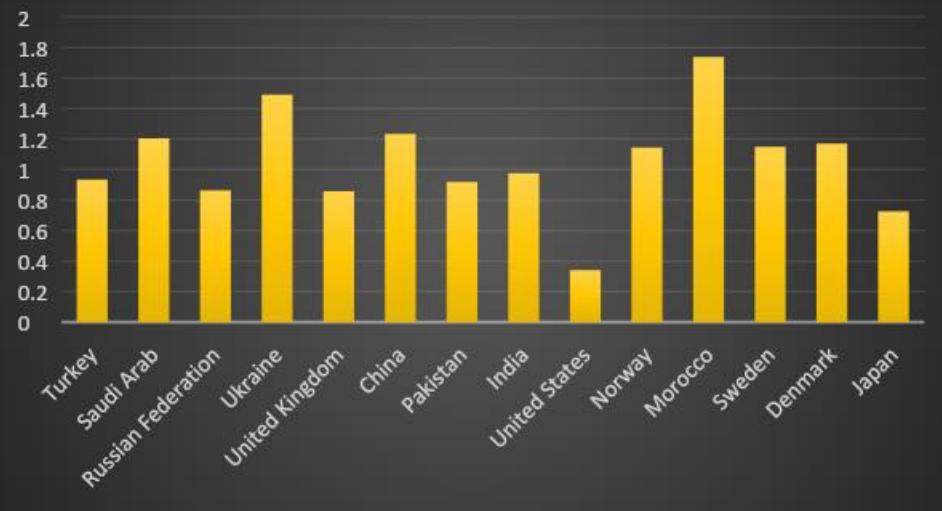
YEAR 2007



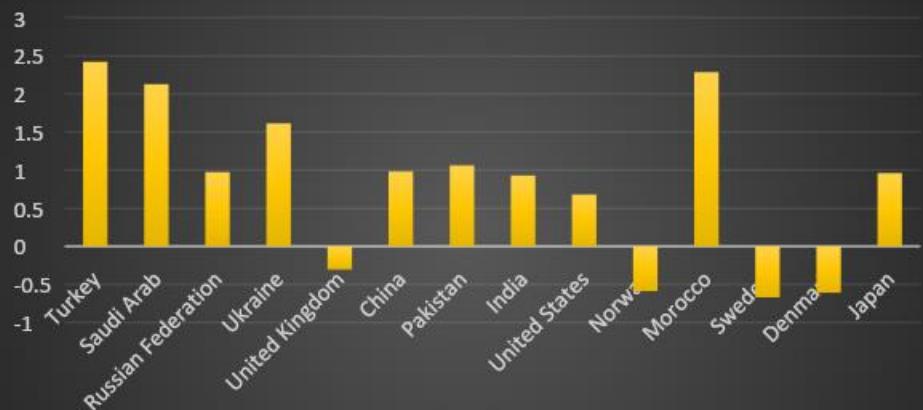
YEAR 2008



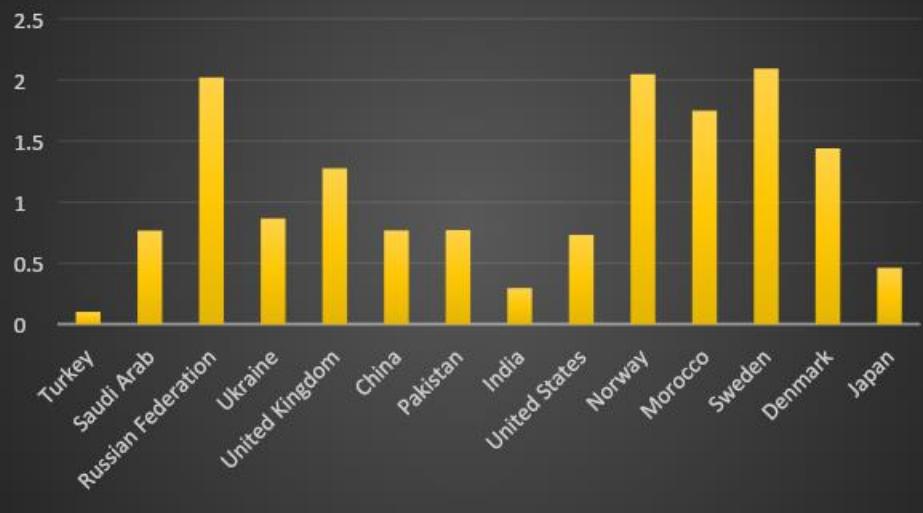
YEAR 2009



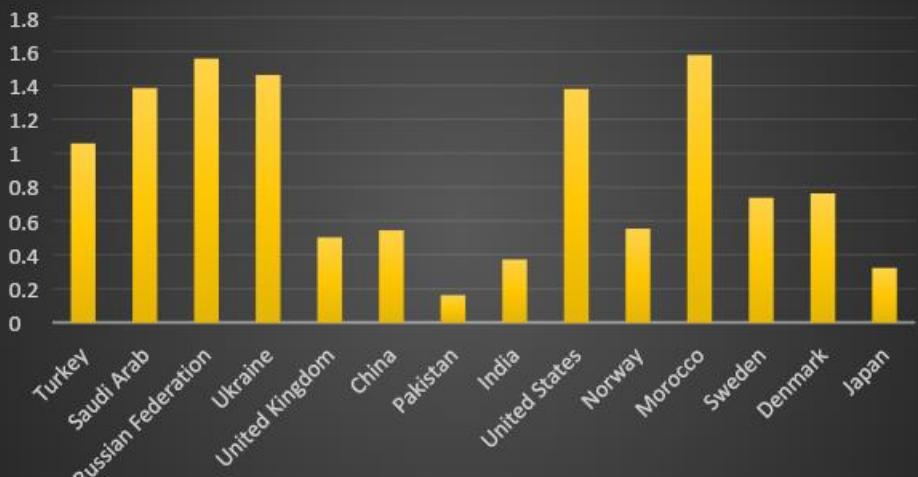
YEAR 2010



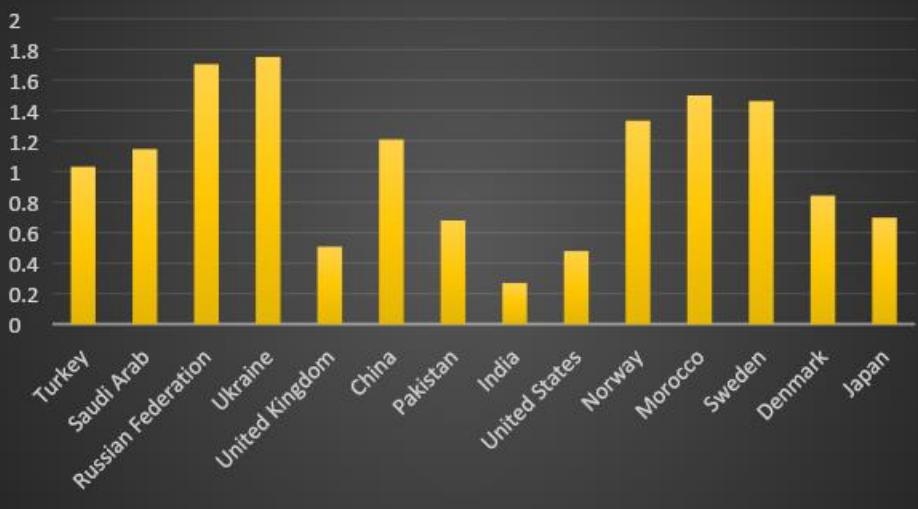
YEAR 2011



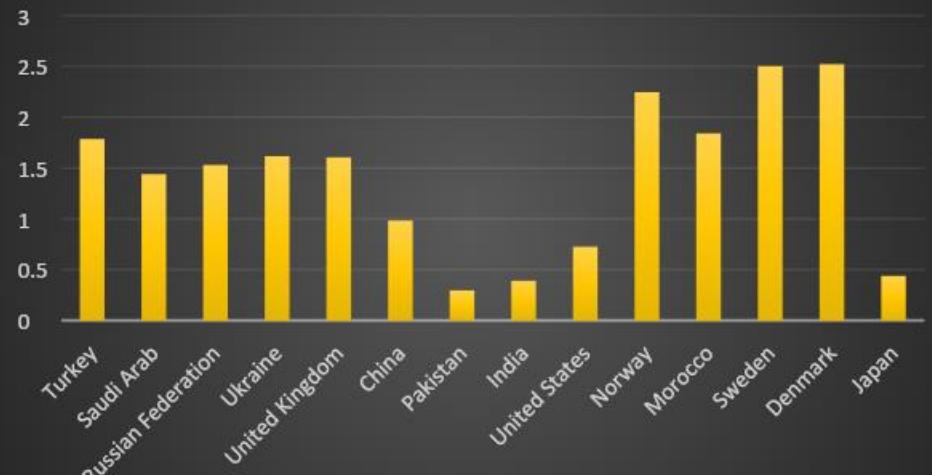
YEAR 2012



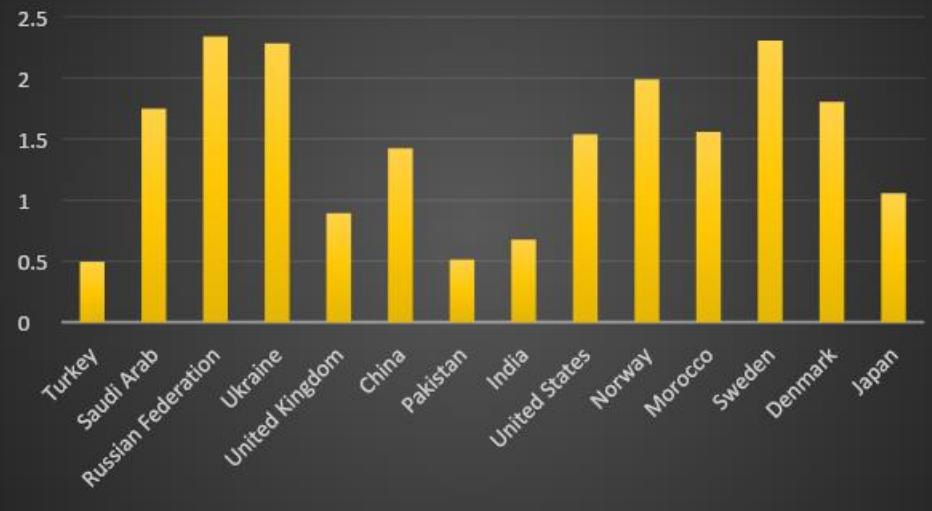
YEAR 2013



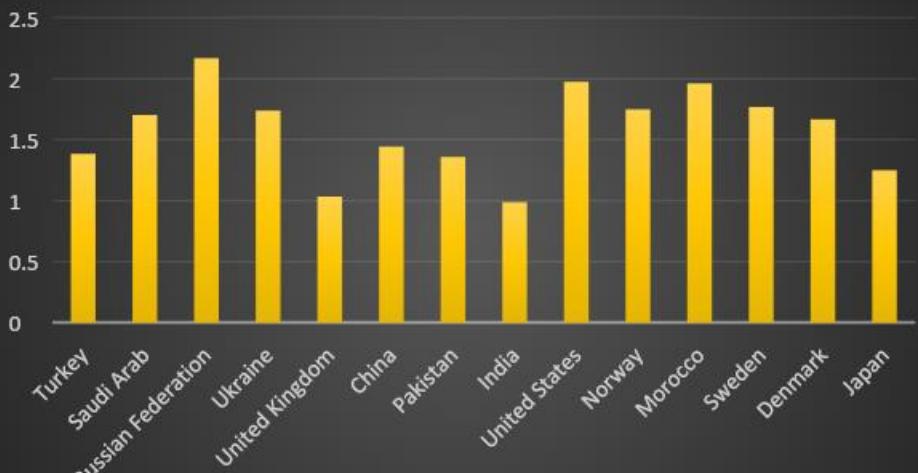
YEAR 2014



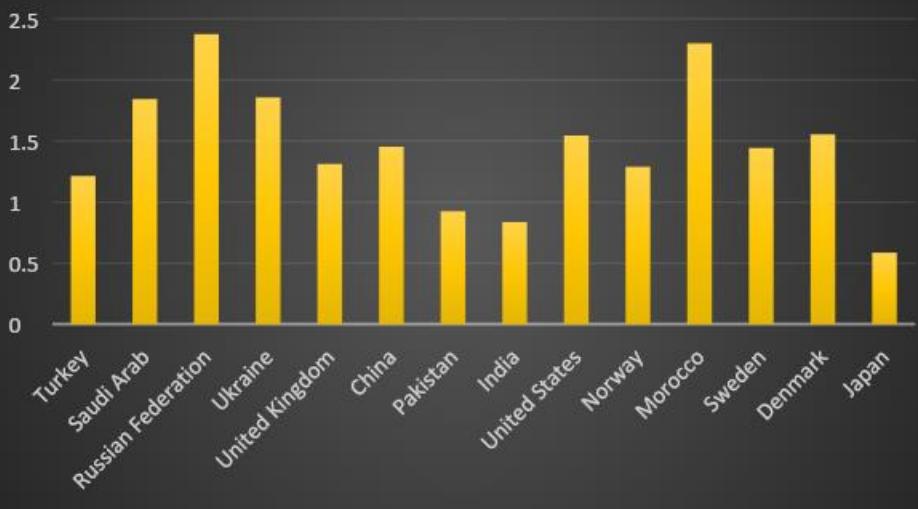
YEAR 2015



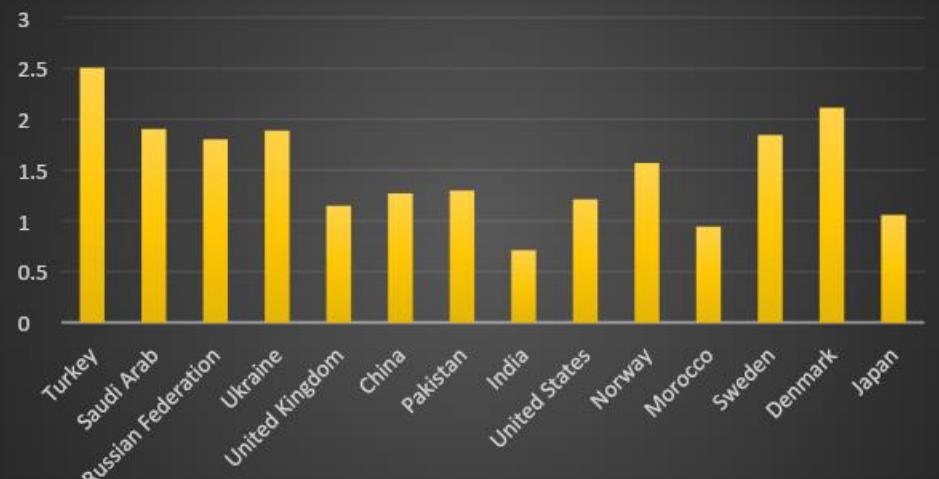
YEAR 2016



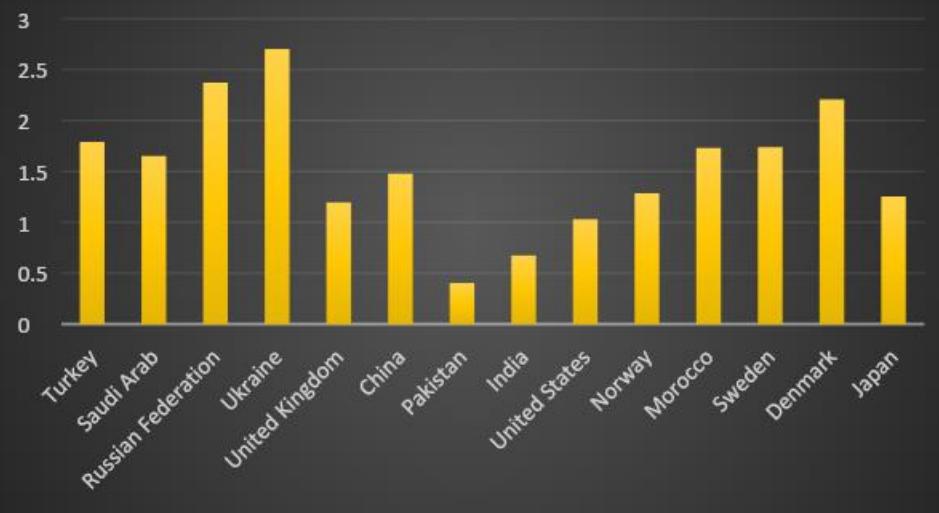
YEAR 2017



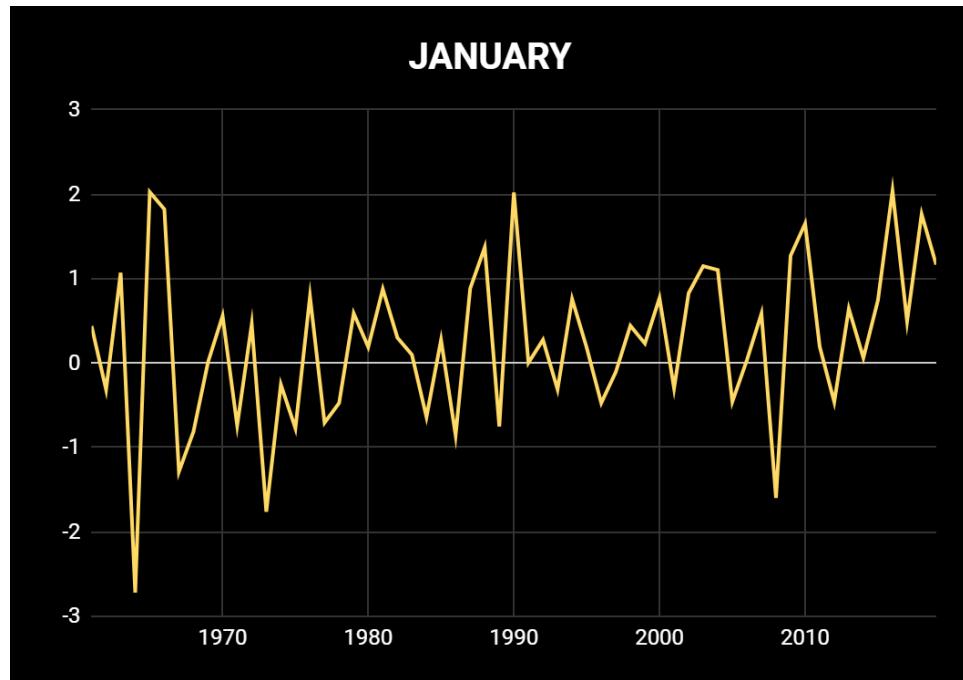
YEAR 2018



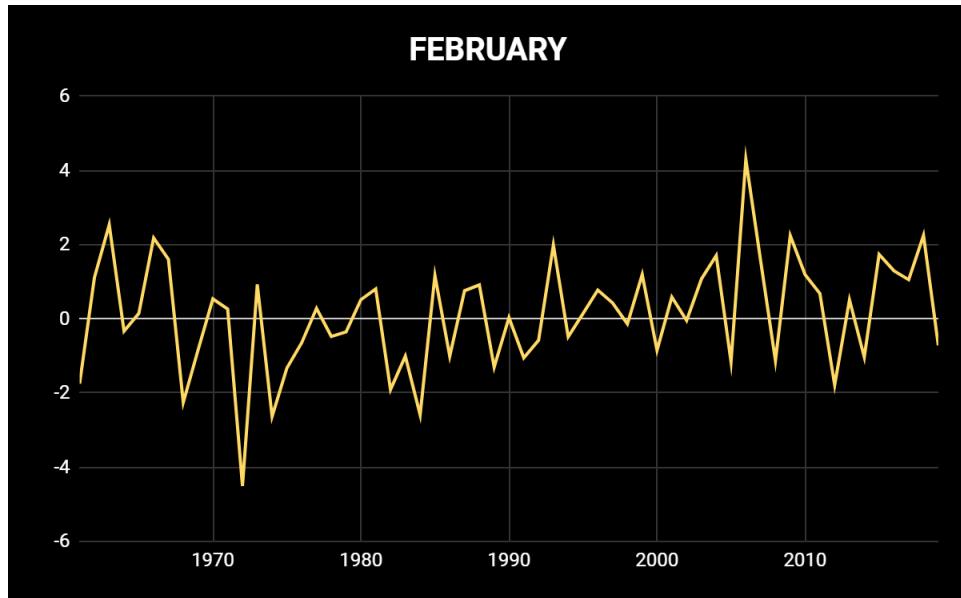
YEAR 2019



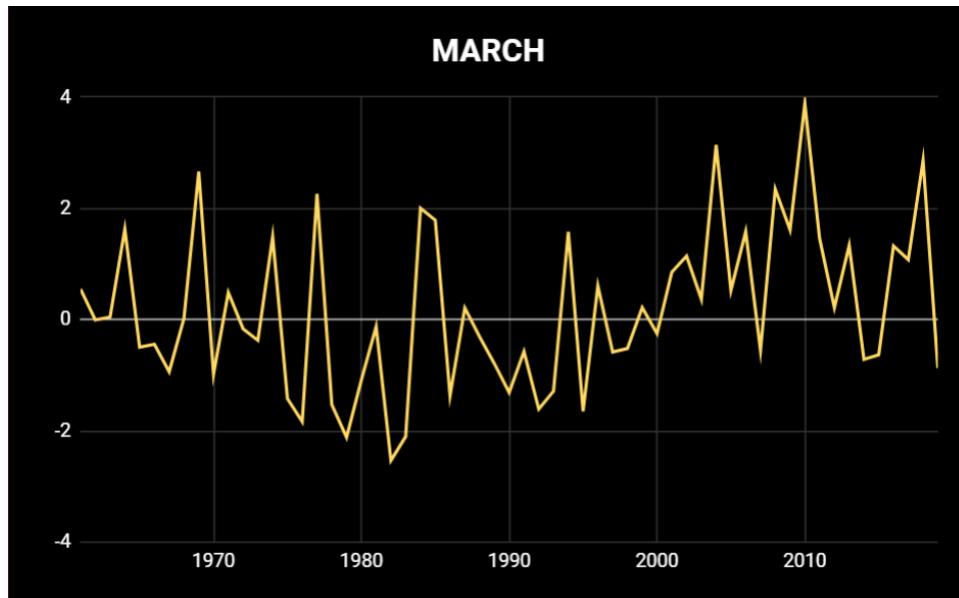
Trend Analysis of January Temperature in Pakistan over the Period of 1961-2019



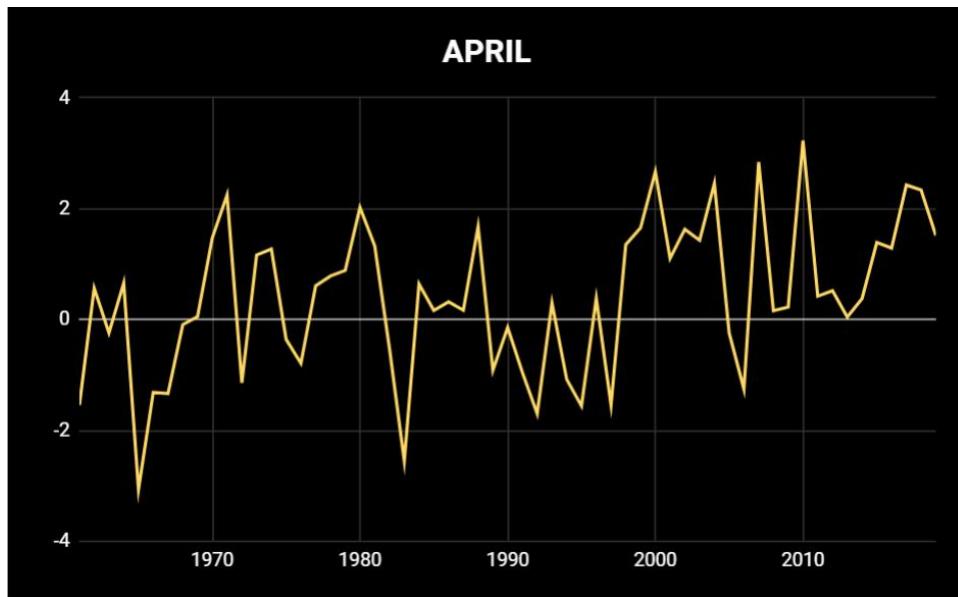
Trend Analysis of February Temperature in Pakistan over the Period of 1961-2019



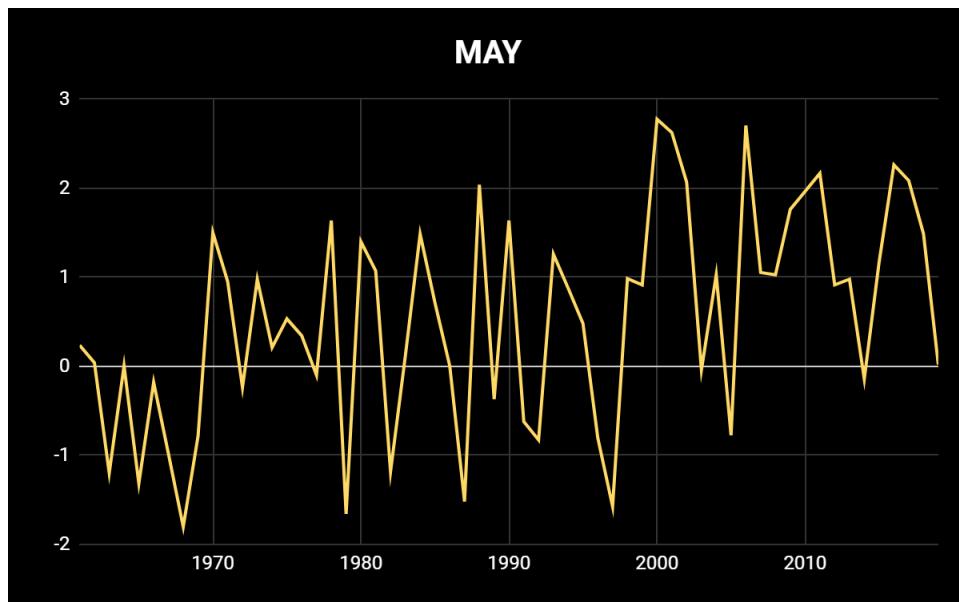
Trend Analysis of March Temperature in Pakistan over the Period of 1961-2019



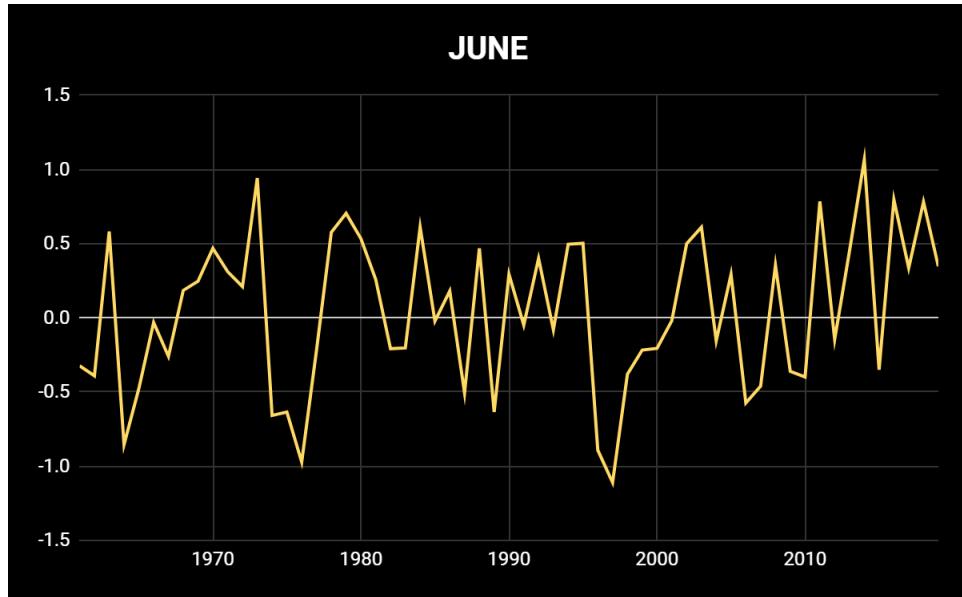
Trend Analysis of April Temperature in Pakistan over the Period of 1961-2019



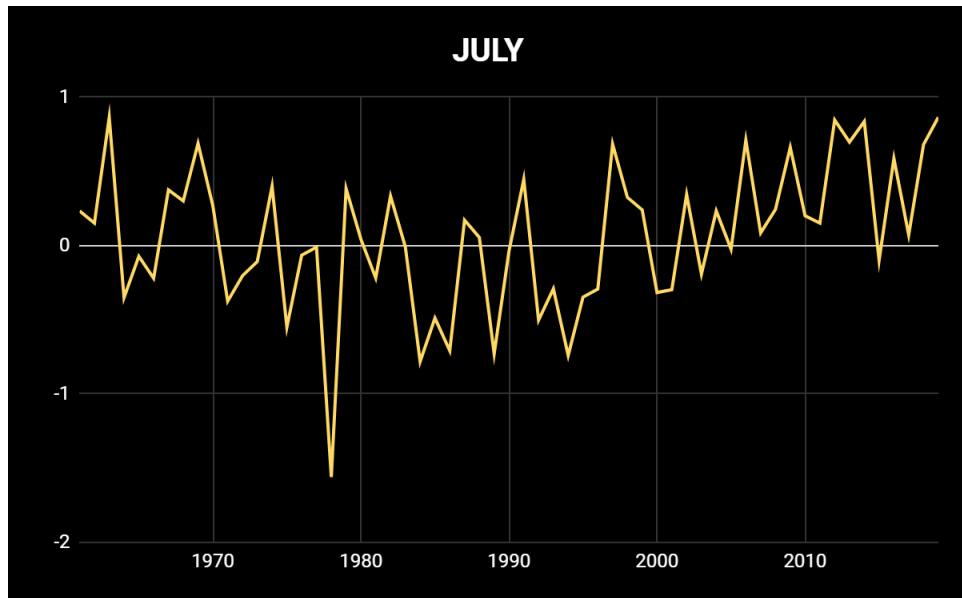
Trend Analysis of May Temperature in Pakistan over the Period of 1961-2019



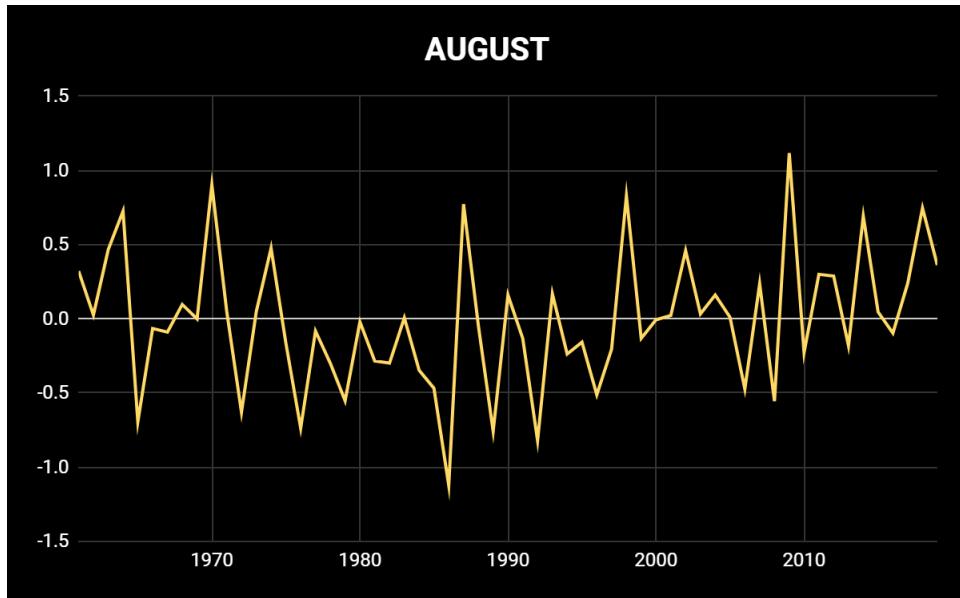
Trend Analysis of June Temperature in Pakistan over the Period of 1961-2019



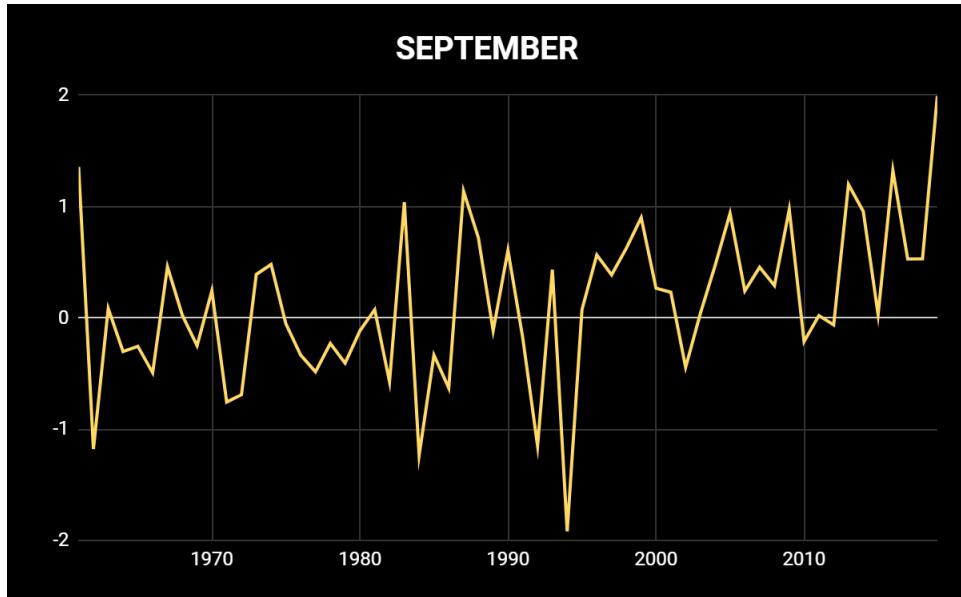
Trend Analysis of July Temperature in Pakistan over the Period of 1961-2019



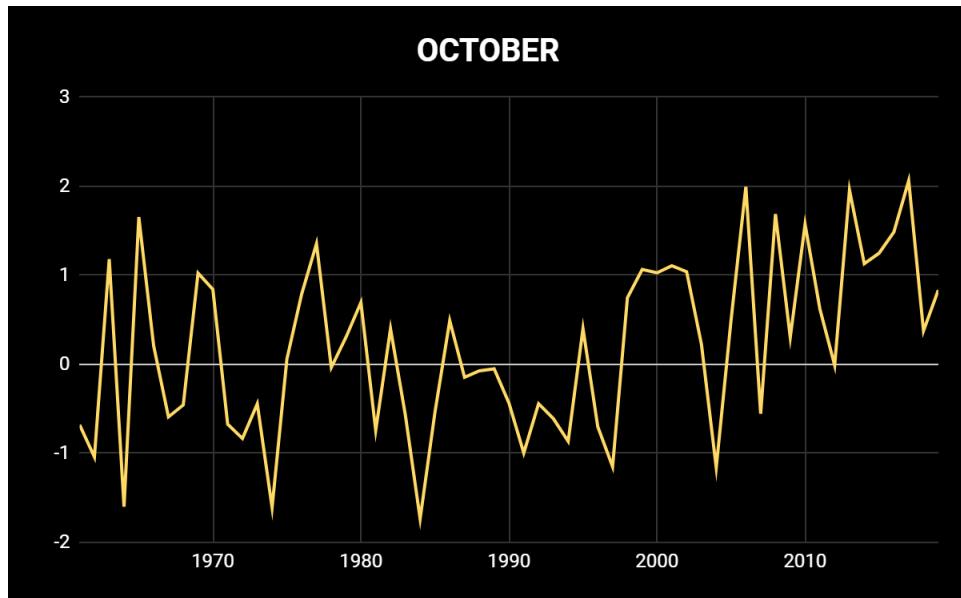
Trend Analysis of August Temperature in Pakistan over the Period of 1961-2019



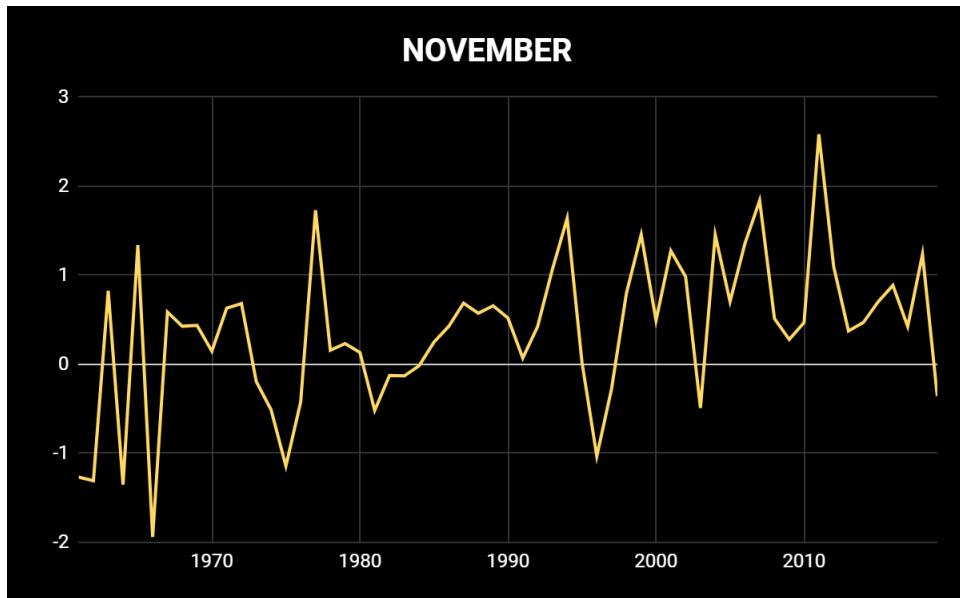
Trend Analysis of September Temperature in Pakistan over the Period of 1961-2019



Trend Analysis of October Temperature in Pakistan over the Period of 1961-2019



Trend Analysis of November Temperature in Pakistan over the Period of 1961-2019



Trend Analysis of December Temperature in Pakistan over the Period of 1961-2019

